

Survey Questions - Post-Focus Group Session Survey

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0690-0030. Without this approval, we could not conduct this post-focus group survey collection. Public reporting for this information collection is estimated to be approximately 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Nurture Nature Center at: 518 Northampton Street, Easton, PA 18042, Attn: Rachel Hogan Carr, Executive Director, rhogan@nuturenature.org.

1. Please rate your agreement with the following statements about the forum.

Please check ONE box for each statement.

	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
The information was clearly presented.	✓				
I felt comfortable voicing my opinion.	✓				
I know more about the National Weather Service (NWS) resources.	✓				
I feel I could use NWS resources to judge my risk in an extreme weather event.	✓				

2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

3. Our goal today was to gather feedback to improve NWS flood forecast and warning tools. Beyond the questions asked today, what else would be important to know about how you gather/would use NWS information about extreme weather risks and your intended actions?

4. After attending today's session, how likely are you to:

Please check ONE box for each statement.

	Very Likely	Somewhat Likely	Neither likely nor unlikely	Somewhat Unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	✓				
Share what I learned about NWS products today with others.	✓				
Seek NWS information about extreme weather risks.	✓				
Use NWS products and information in your decision-making	✓				

5. Do you prefer text-based or graphical/visual NWS products in trying to understand your level of risk from flooding? Circle one.

Text

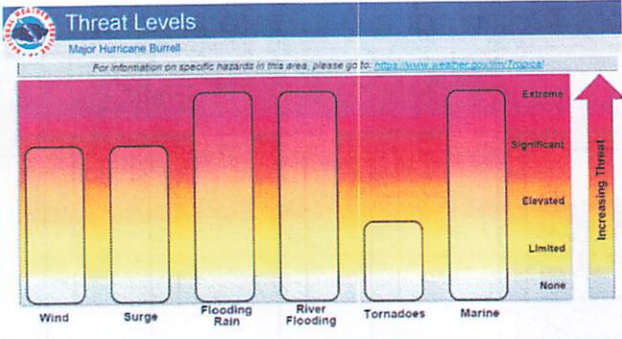
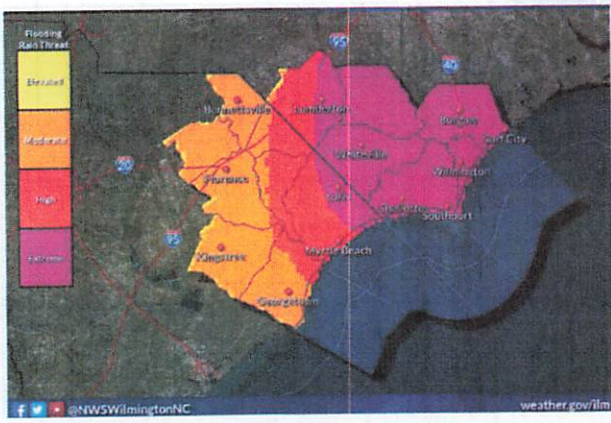
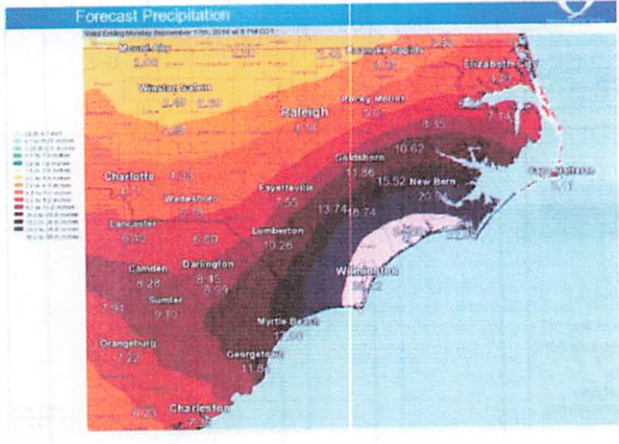
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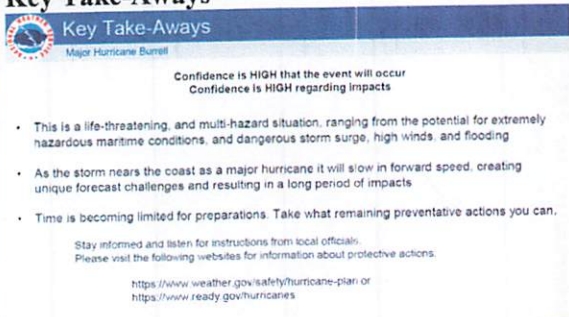
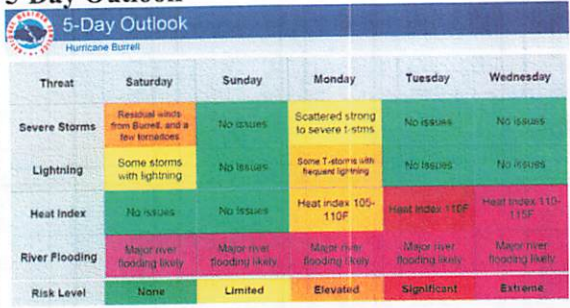
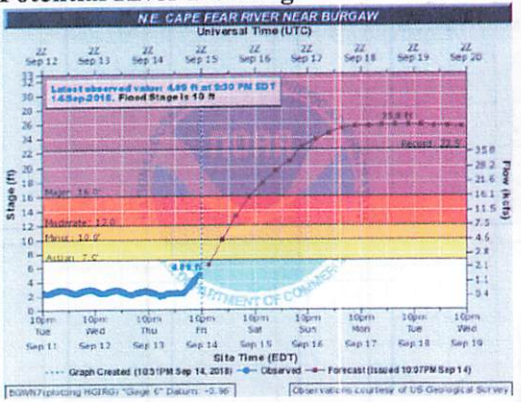

Please explain. _____

6. Please rate the weather products discussed today based on their usefulness to you in assessing your flood situation.

	Extremely useful	Very useful	Moderately useful	Slightly useful	Not at all useful																								
<p>Hurricane Cone</p> <p>Hurricane Burrell 5 PM AST Advisory 42 NWS National Hurricane Center</p> <p>Current information: x Center location 24.4 N 57.0 W Maximum sustained wind 85 mph Movement W at 7 mph</p> <p>Forecast positions: Tropical Cyclone: Sustained winds D x 35 mph, S 39-73 mph, H 74-110 mph, M x 110 mph Post-Potential TC: Sustained winds D x 35 mph, S 39-73 mph, H 74-110 mph, M x 110 mph</p> <p>Potential track area: Day 1-3, Day 4-5 Watches: Hurricane, Trop 50m Warnings: Hurricane, Trop 50m Current wind extent: Hurricane, Trop 50m</p>																													
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<p>Key Take-Aways</p>  <p>Confidence is HIGH that the event will occur Confidence is HIGH regarding impacts</p> <ul style="list-style-type: none"> This is a life-threatening, and multi-hazard situation, ranging from the potential for extremely hazardous maritime conditions, and dangerous storm surge, high winds, and flooding As the storm nears the coast as a major hurricane it will slow in forward speed, creating unique forecast challenges and resulting in a long period of impacts Time is becoming limited for preparations. Take what remaining preventative actions you can. <p>Stay informed and listen for instructions from local officials. Please visit the following websites for information about protective actions. https://www.weather.gov/safety/hurricane-plan or https://www.ready.gov/hurricanes</p>	U																																								
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<p>Social media</p> <p>Dangerous Rip Currents and Rough Surf Expected</p>  <p>OVERVIEW</p> <ul style="list-style-type: none"> Swells from Hurricane Burrell will build today through this week. Expect the potential for rough surf and life-threatening rip currents Tuesday through Thursday. <p>ADDITIONAL INFORMATION</p> <ul style="list-style-type: none"> If you plan on staying at the beach, then pay attention to flag and follow the guidance of lifeguards and other local beach officials. If you are interested in learning more, visit www.beach.gov or call 1-800-368-5848. <p>Distant Hurricanes Can Be Deadly</p> <p>Beaches that are not on the coast can still have deadly rip currents.</p>	U																																								

7. What changes might you recommend for any of the products shown?

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook Twitter Internet Other: _____

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone Tablet Laptop Desktop Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain:

11. What improvements could be made in the format or content of this session?

12. Additional comments:

Thank you for participating!

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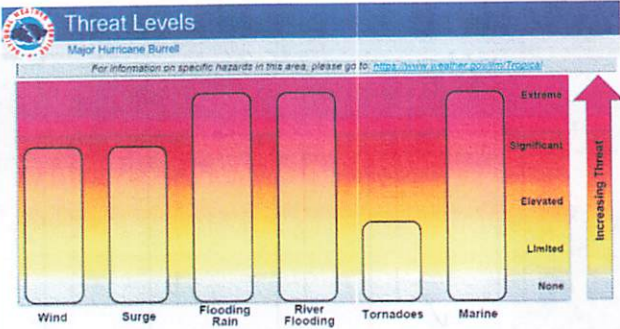
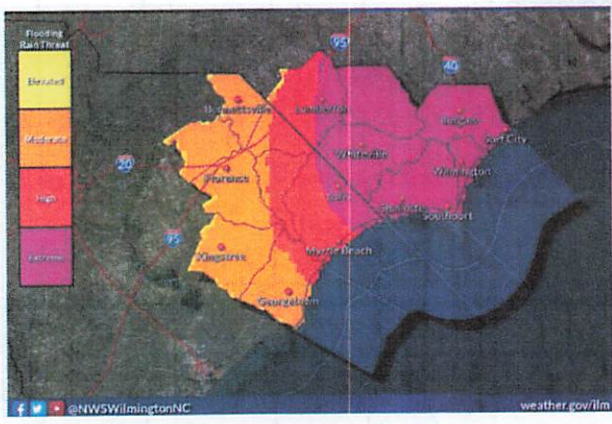
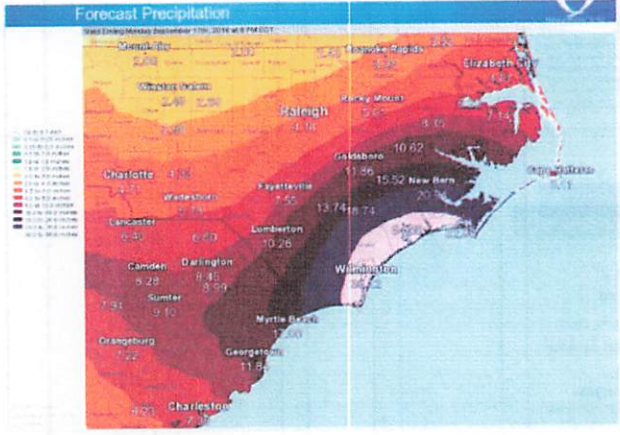
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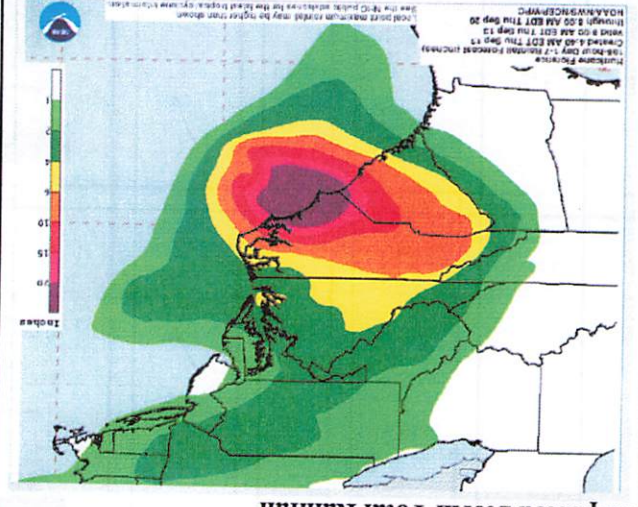
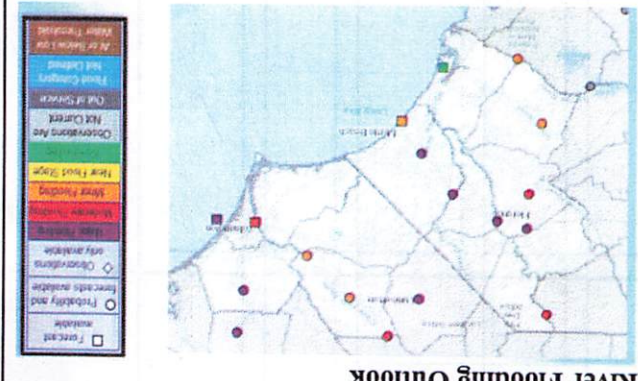

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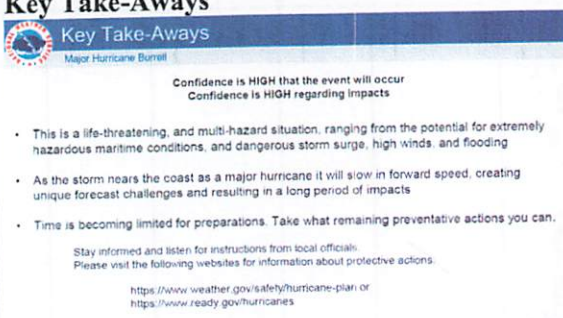
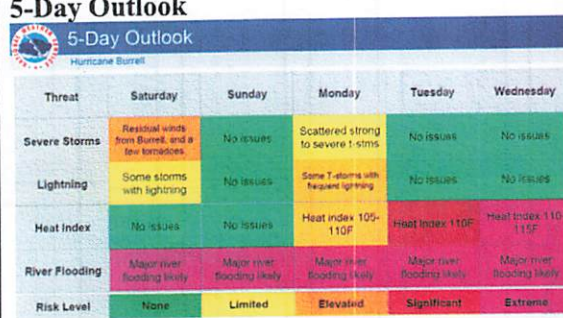
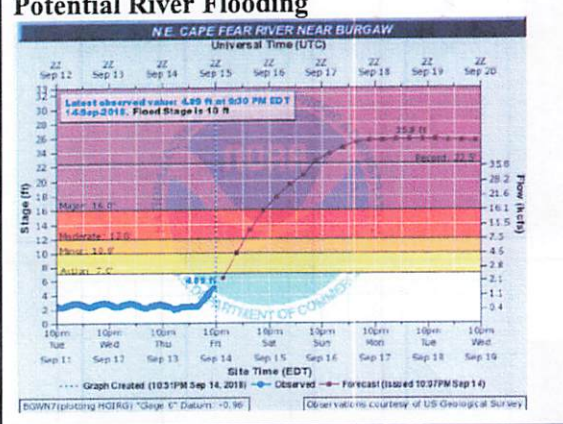

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Not at all useful	Slightly useful	Moderately useful	Very useful	Extremely useful	 <p>Expected Storm Total Rainfall</p> <p>Forecast for the period from 06/20 00:00 UTC to 06/21 00:00 UTC. The map shows a large area of high rainfall (red and orange) over the central US, with a peak of 20 inches or more. The rainfall is expected to be heaviest over the central US, with a peak of 20 inches or more. The map shows a large area of high rainfall (red and orange) over the central US, with a peak of 20 inches or more. The rainfall is expected to be heaviest over the central US, with a peak of 20 inches or more.</p>
				 <p>River Flooding Outlook</p> <p>Forecast for the period from 06/20 00:00 UTC to 06/21 00:00 UTC. The map shows various river basins and flood risk levels. The legend includes: Forecast, Probability and Forecast, Observations, Observations only available, River Flooding, Major Flooding, Minor Flooding, No Flooding, Observations and Forecast, Out of Service, Flood Concern, and Major Flooding.</p>	 <p>Additional Rainfall</p> <p>Forecast for the period from 06/20 00:00 UTC to 06/21 00:00 UTC. The map shows a large area of high rainfall (red) over the central US, with a peak of 20 inches or more. The rainfall is expected to be heaviest over the central US, with a peak of 20 inches or more.</p>

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<p>Potential River Flooding</p>  <p>N.E. CAPE FEAR RIVER NEAR BURGAW Universal Time (UTC)</p> <p>Stage (ft) vs Time (UTC) graph showing observed and forecast water levels. Key points: Latest observed value: 4.25 ft at 6:50 PM EDT 14 Sep 2018. Flood Stage is 10 ft. Forecast shows a rise to 25.9 ft by Sep 19.</p>	✓																																								
<p>Social media</p> <p>Dangerous Rip Currents and Rough Surf Expected</p>  <p>Overview: Swells from Hurricane Burrell will build today through Tuesday. Expect the potential for rough surf and life-threatening rip currents Tuesday through Thursday.</p> <p>Timing: Surf conditions will be most hazardous Tuesday through Thursday.</p> <p>Hazards & Impacts: Dangerous swimming conditions are expected given the presence of strong rip currents and large breakers in the surf.</p> <p>Additional Information: If you plan on visiting the beaches, then pay attention to flags and follow the guidance of lifeguards and other local beach officials. If you are swimming or playing in the surf, please stay within the lifeguarded area. Never enter the surf without lifeguards to assist someone.</p> <p>Distant Hurricanes Can Be Deadly</p>	✓																																								

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8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

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9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone Tablet Laptop ✓ Desktop Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain:

11. What improvements could be made in the format or content of this session?

12. Additional comments:

Thank you for participating!

Survey Questions - Post-Focus Group Session Survey

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0690-0030. Without this approval, we could not conduct this post-focus group survey collection. Public reporting for this information collection is estimated to be approximately 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Nurture Nature Center at: 518 Northampton Street, Easton, PA 18042, Attn: Rachel Hogan Carr, Executive Director, rhogan@nurturenature.org.

1. Please rate your agreement with the following statements about the forum.

Please check ONE box for each statement.

	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
The information was clearly presented.	✓				
I felt comfortable voicing my opinion.	✓				
I know more about the National Weather Service (NWS) resources.		✓			
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2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

A/A

3. Our goal today was to gather feedback to improve NWS flood forecast and warning tools. Beyond the questions asked today, what else would be important to know about how you gather/would use NWS information about extreme weather risks and your intended actions?

more detail for elderly to understand

4. After attending today's session, how likely are you to:

Please check ONE box for each statement.

	Very Likely	Somewhat Likely	Neither likely nor unlikely	Somewhat Unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	/				
Share what I learned about NWS products today with others.		/			
Seek NWS information about extreme weather risks.	/				
Use NWS products and information in your decision-making	/				

5. Do you prefer text-based or graphical/visual NWS products in trying to understand your level of risk from flooding? Circle one.

Text

Graphics

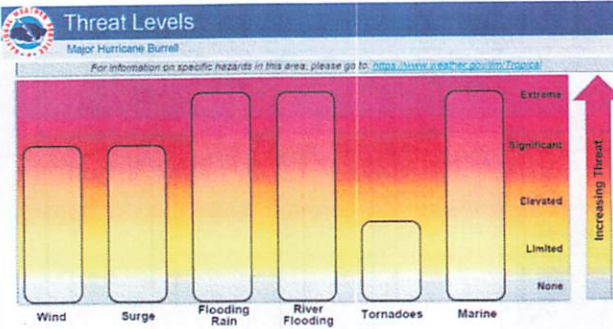
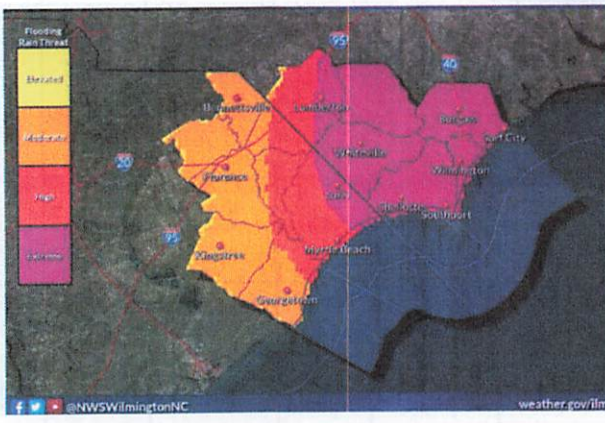
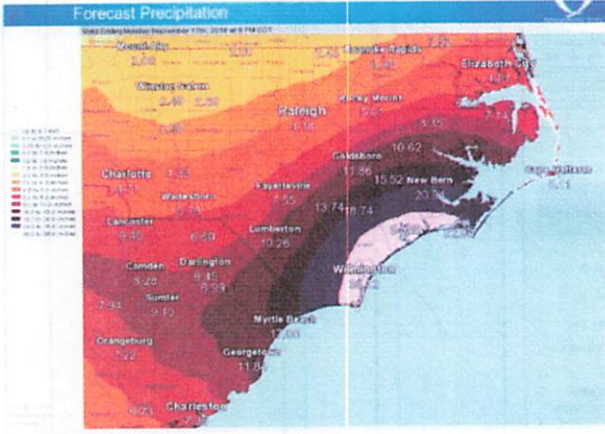
Combined text and graphics

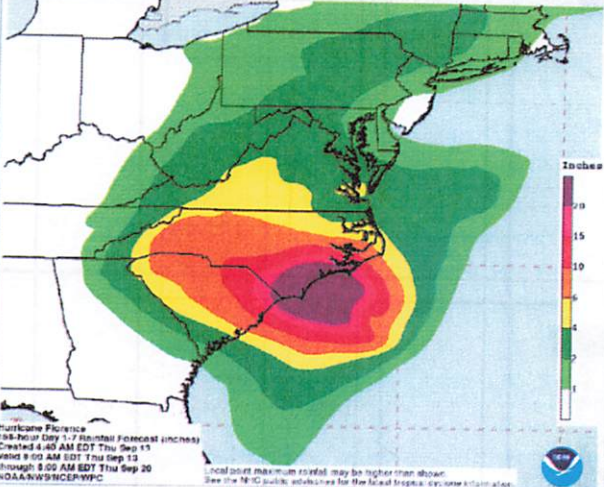


Please explain.



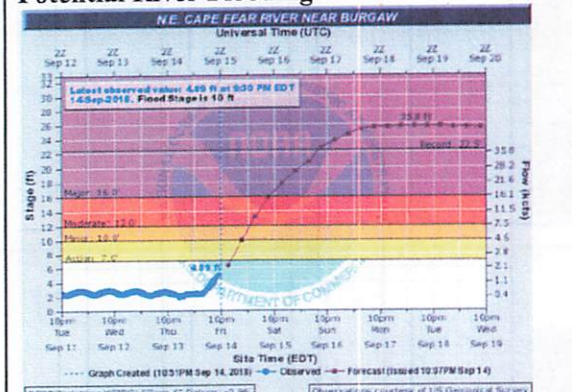
Better to understand

6. Please rate the weather products discussed today based on their usefulness to you in assessing your flood situation.

	Extremely useful	Very useful	Moderately useful	Slightly useful	Not at all useful																								
<p>Hurricane Cone</p> <p>Hurricane Burrell 5 PM AST Advisory 42 NWS National Hurricane Center</p> <p>Current information: x Center location 24.4 N 57.0 W Maximum sustained wind 85 mph Movement W at 7 mph</p> <p>Forecast positions: Tropical Cyclone D x 39 mph Sustained winds S 35-73 mph H 74-110 mph M x 110 mph</p> <p>Potential track area: Day 1-3, Day 4-5 Watches: Hurricane, Tropical Storm Warnings: Hurricane, Tropical Storm Current wind extent: Hurricane, Tropical Storm</p>		/																											
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<p>Forecast Precipitation</p>  <p>Forecast Precipitation</p> <p>Charlotte 1.35, Raleigh 2.18, Greensboro 1.36, etc.</p>		✓			

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<p>Expected Storm Total Rainfall</p>  <p>Hurricane Florence 188-hour Day 1-7 (6-hour) Forecast (inches) Created 4:40 AM EDT Thu Sep 13 Valid 9:00 AM EDT Thu Sep 13 through 8:00 AM EDT Thu Sep 20 NOAA/NWS/NCEP/WPC</p> <p>Local point maximum rainfall may be higher than shown. See the NCEP public web site for the local tropical cyclone information.</p>		/			
<p>River Flooding Outlook</p>  <p>Legend: □ Forecast available ○ Probability and forecasts available ◇ Observations only available High Flooding Moderate Flooding Minor Flooding Near Flood Stage Observations Are Not Current Out of Service Flood Category Not Defined At or Below Low Water Threshold</p>		/			
<p>Additional Rainfall</p>  <p>Storm Total Precipitation (in)</p> <p>weather.gov/ilm</p>		/			

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<p>Social media</p> <p>Dangerous Rip Currents and Rough Surf Expected</p> <p>OVERVIEW</p> <ul style="list-style-type: none"> Swells from Hurricane Burrell will build today through midweek. Expect the potential for rough surf and life-threatening rip currents Tuesday through Thursday. <p>THINGS TO WATCH</p> <ul style="list-style-type: none"> Sea conditions will be most hazardous Tuesday through Thursday. <p>HAZARDS & IMPACTS</p> <ul style="list-style-type: none"> Dangerous swimming conditions are expected given the presence of strong rip currents and large waves in the surf. <p>ADDITIONAL INFORMATION</p> <ul style="list-style-type: none"> If you plan on visiting the beach, then pay attention to flags and follow the guidance of lifeguards and other local beach officials. If you see someone swimming in distress contact a lifeguard or 911. Never enter the surf without lifeguards to assist someone. <p>Distant Hurricanes Can Be Deadly</p> <p>Reviewed: 4/28/2023 9:50 AM</p>		/																																							

7. What changes might you recommend for any of the products shown?

Graphic more understanding

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook Twitter Internet Other: _____

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone Tablet Laptop Desktop Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain: Graphic

11. What improvements could be made in the format or content of this session?

More detailed on forecast graphs

12. Additional comments: I found that all information
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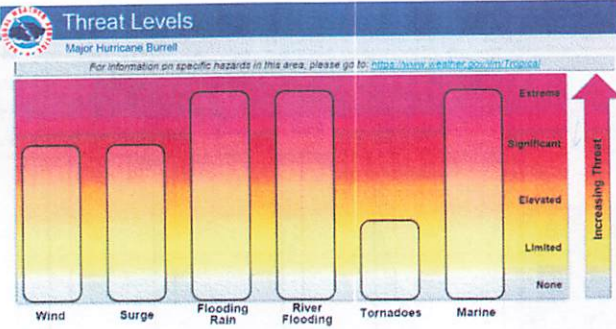
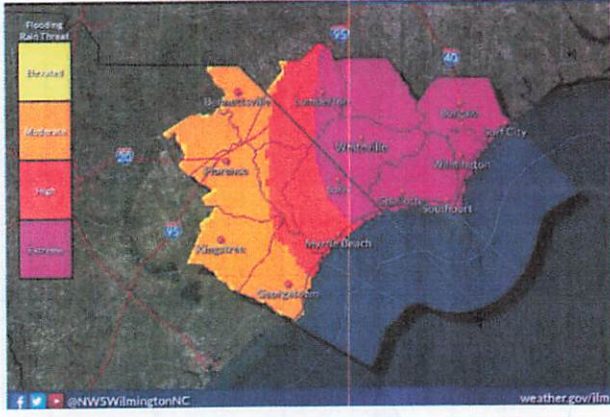
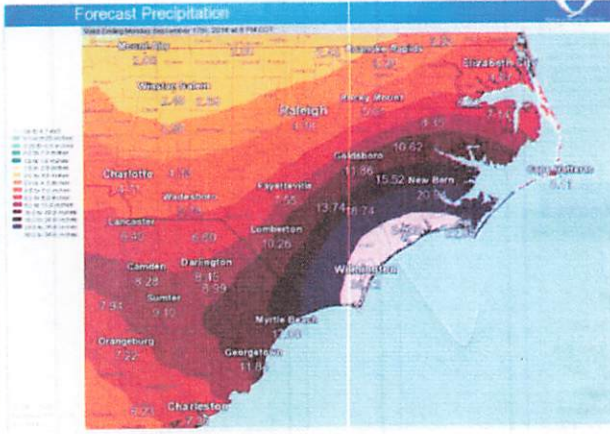
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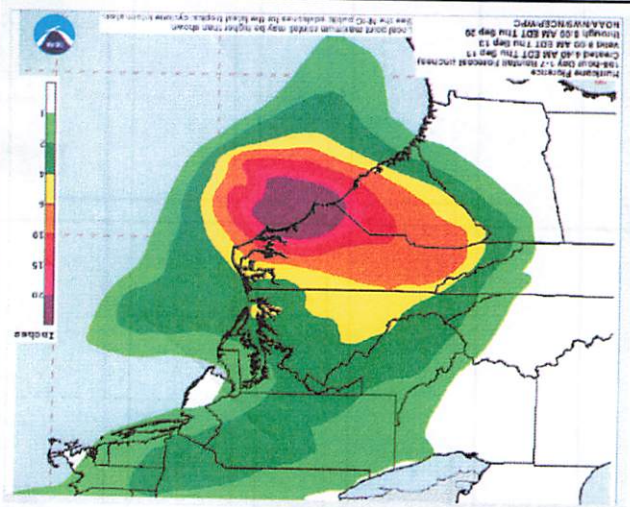
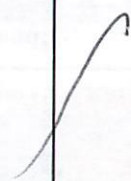
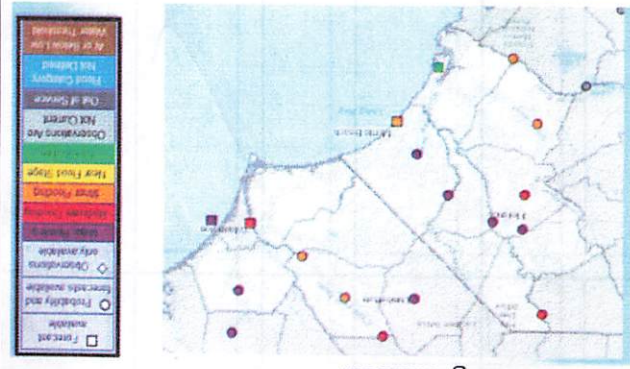


Text
 Graphics
 Combined text and graphics



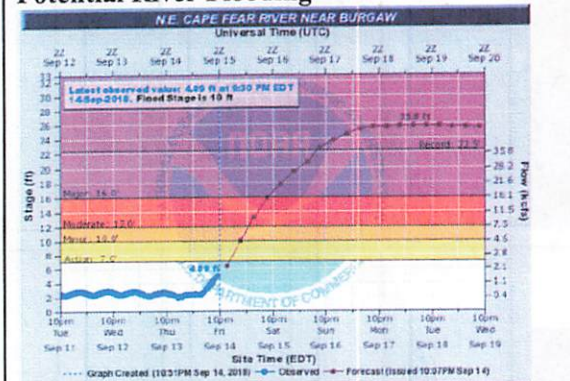

Please explain. *I can better describe what's going on*

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to elab on the topics

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Survey Questions - Post-Focus Group Session Survey

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2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

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Share what I learned about NWS products today with others.	✓				
Seek NWS information about extreme weather risks.	✓				
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Text

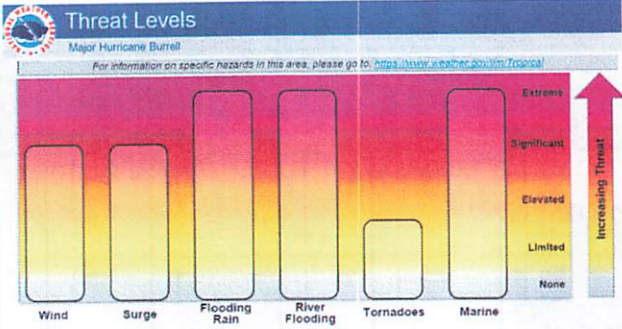
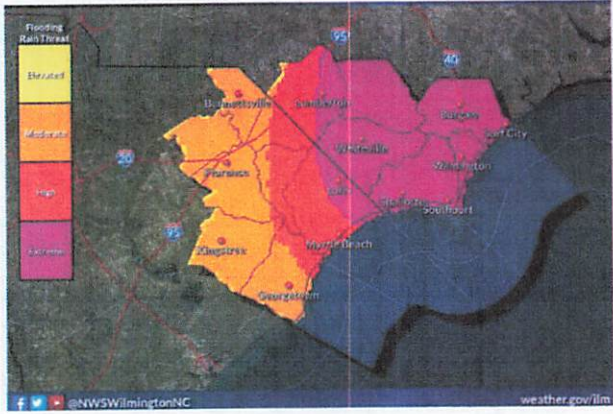
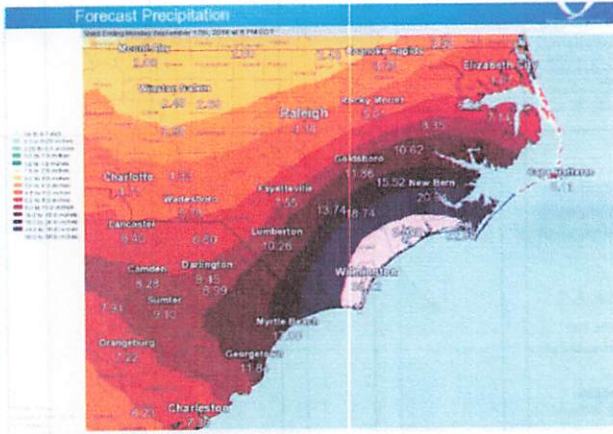
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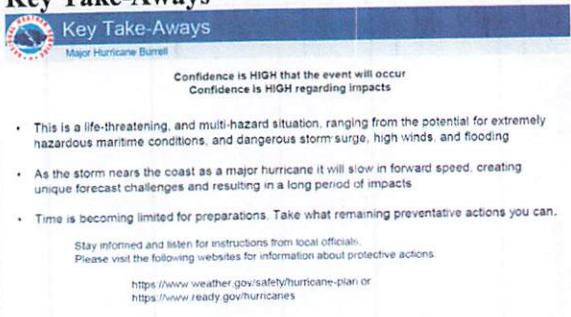
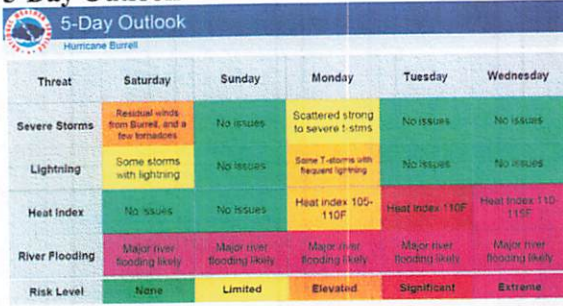
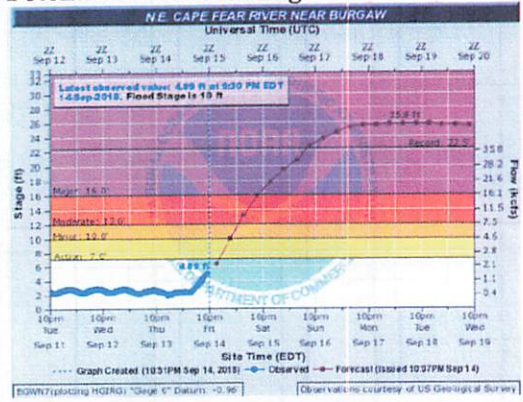

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<p>Hurricane Cone</p> <p>Hurricane Burrell 5 PM AST Advisory 42 NWS National Hurricane Center</p> <p>Current information: x Center location 24.4 N 57.0 W Maximum sustained wind 85 mph Movement W at 7 mph</p> <p>Forecast positions: Tropical Cyclone: Sustained winds: D = 39 mph S 39-73 mph H 74-110 mph M = 119 mph</p> <p>Potential track area: Day 1-3, Day 4-5 Watches: Hurricane, Tropical Storm Warnings: Hurricane, Tropical Storm Current wind extent: Hurricane, Tropical Storm</p>	✓																												
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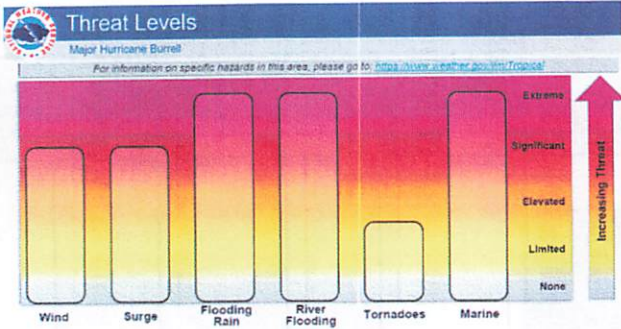
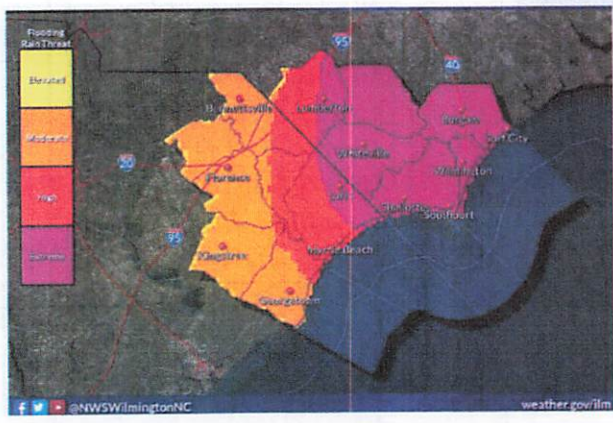
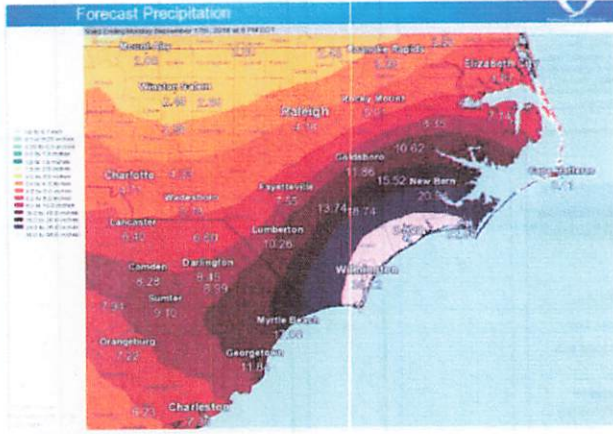
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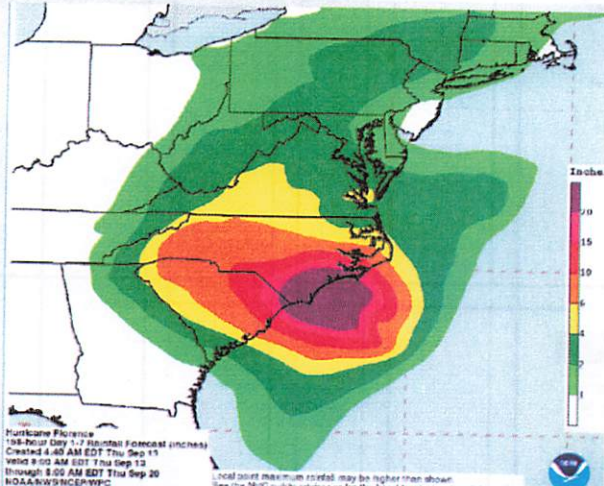


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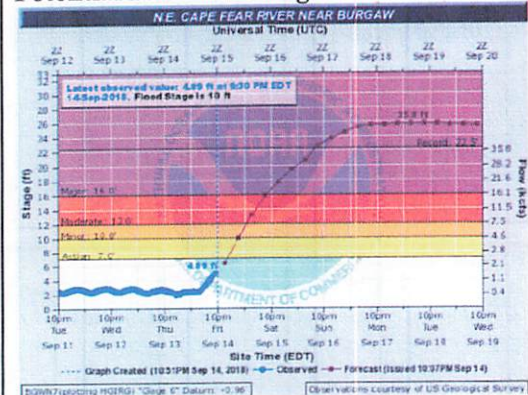

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8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook Twitter Internet Other: _____

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Smartphone Tablet Laptop Desktop Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain:

11. What improvements could be made in the format or content of this session?

12. Additional comments:

Thank you for participating!

Survey Questions - Post-Focus Group Session Survey

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1. Please rate your agreement with the following statements about the forum.

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	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
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2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

Lack of internet access, language barriers
other factors educational level

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If can use 1/2 of Great Service

4. After attending today's session, how likely are you to:

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	Very Likely	Somewhat Likely	Neither likely nor unlikely	Somewhat Unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	✓				
Share what I learned about NWS products today with others.	✓				
Seek NWS information about extreme weather risks.	✓				
Use NWS products and information in your decision-making	✓				

5. Do you prefer text-based or graphical/visual NWS products in trying to understand your level of risk from flooding? Circle one.

Text

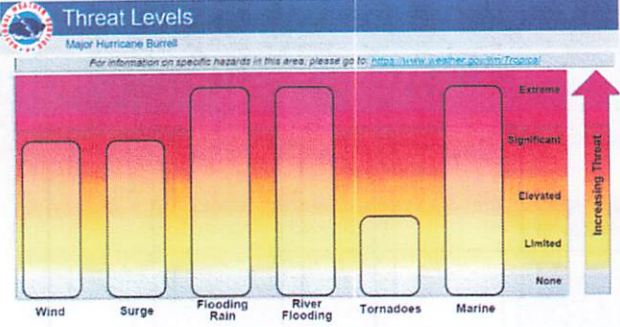
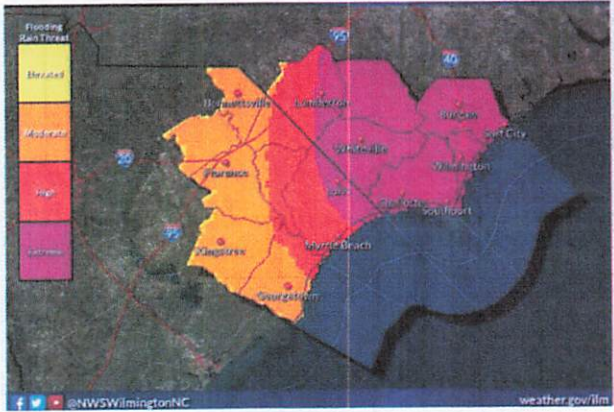
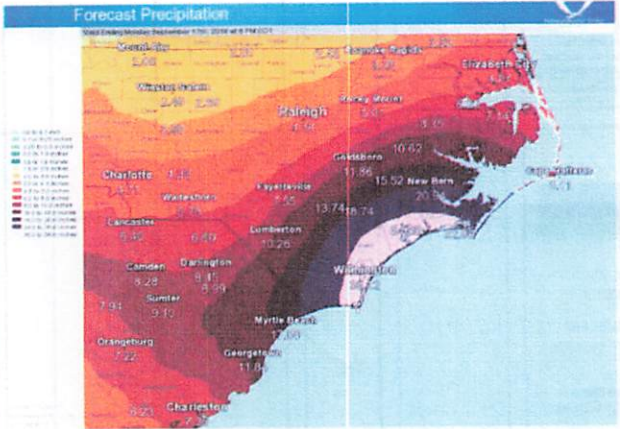
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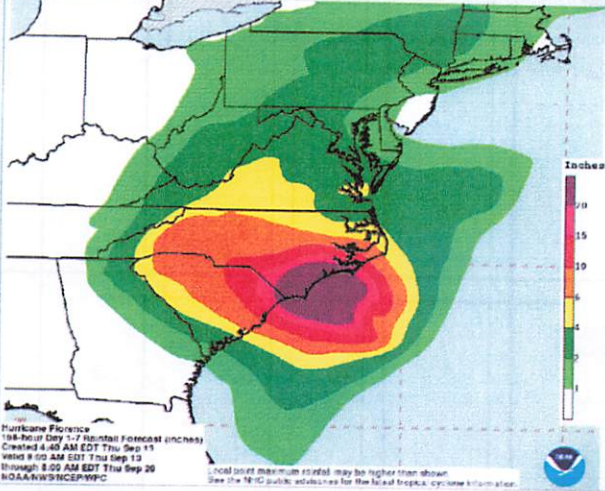


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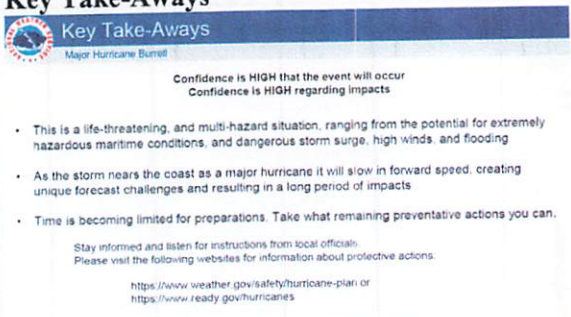
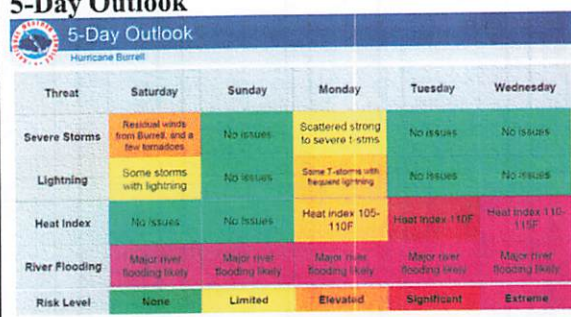
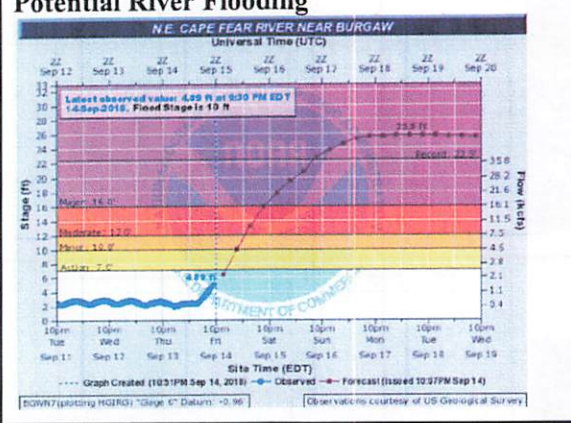

Please explain. To underscore Severity of risk

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<p>River Flooding Outlook</p> 		✓			
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language, Educational levels ie 4th grade
& below levels for Adults

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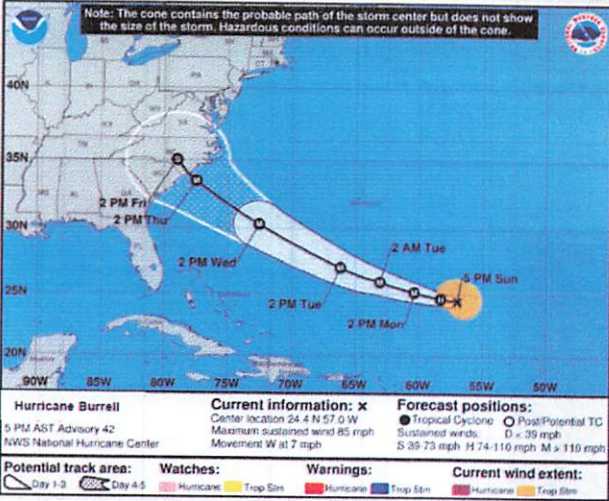
















Text

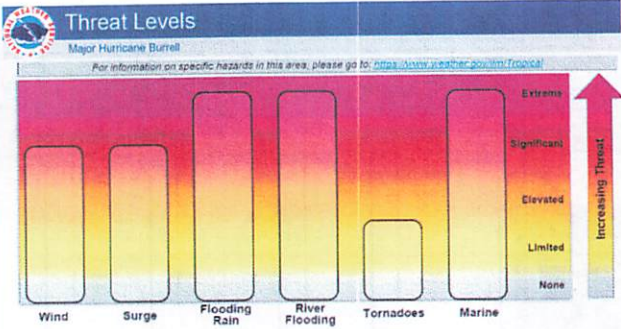
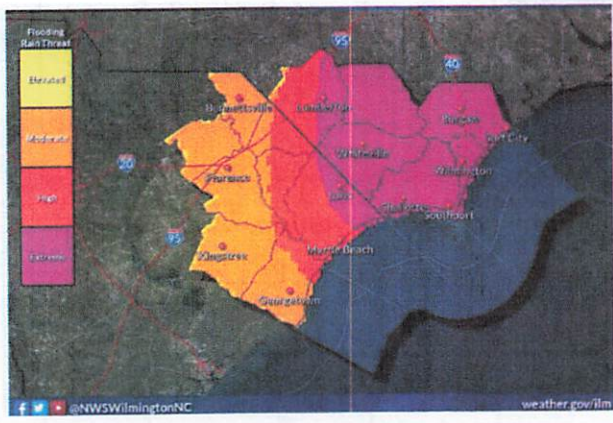
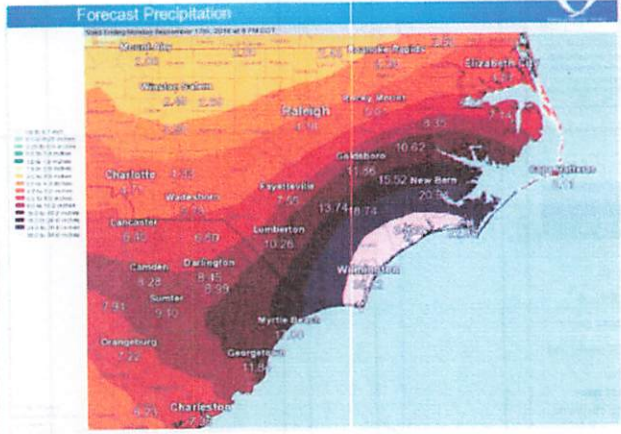
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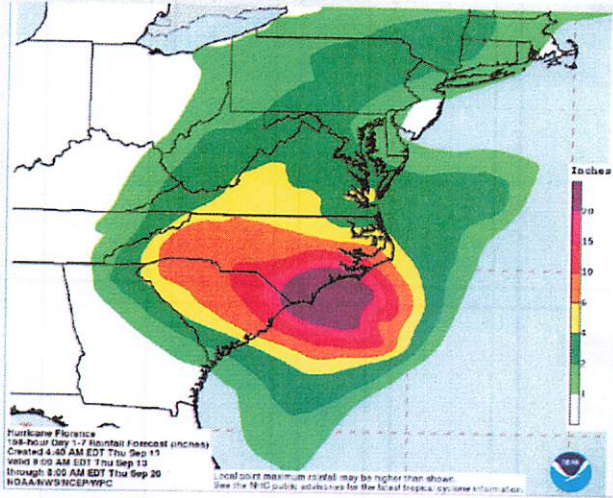
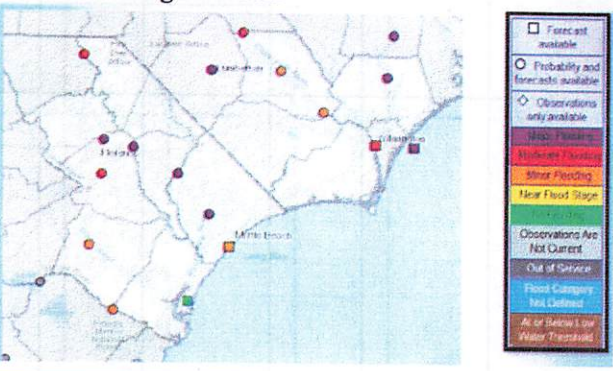

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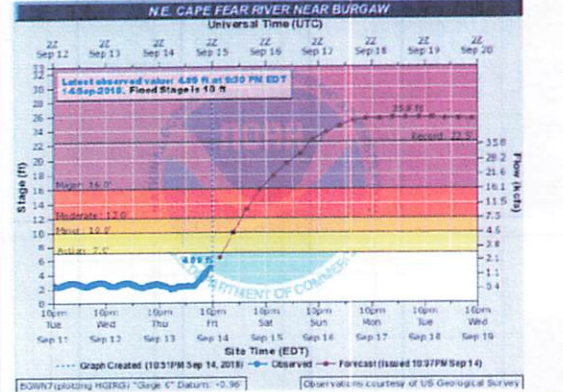

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<h3>Potential River Flooding</h3>  <p>N.E. CAPE FEAR RIVER NEAR BURGAW Universal Time (UTC)</p> <p>Graph showing Stage (ft) vs. Site Time (EDT) from Sep 11 to Sep 19. The y-axis ranges from 0 to 32 ft. The x-axis shows dates and times. A forecast line shows a sharp rise starting around Sep 14, reaching a peak of approximately 30 ft by Sep 18. A flood stage is marked at 13 ft. A note indicates: "Latest observed value: 6.95 ft at 5:55 PM EDT 14 Sep 2018. Flood Stage is 13 ft."</p>																																									
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7. What changes might you recommend for any of the products shown?

None

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook

Twitter

Internet

Other: _____

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone

Tablet

Laptop

Desktop

Other: _____

10. Was anything in the session confusing? Yes

No

If Yes, please explain:

11. What improvements could be made in the format or content of this session?

None

12. Additional comments:

Thank you for participating!

Survey Questions - Post-Focus Group Session Survey

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0690-0030. Without this approval, we could not conduct this post-focus group survey collection. Public reporting for this information collection is estimated to be approximately 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Nurture Nature Center at: 518 Northampton Street, Easton, PA 18042, Attn: Rachel Hogan Carr, Executive Director, rhogan@nurturenature.org.

1. Please rate your agreement with the following statements about the forum.

Please check ONE box for each statement.

	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
The information was clearly presented.		✓			
I felt comfortable voicing my opinion.		✓			
I know more about the National Weather Service (NWS) resources.		✓			
I feel I could use NWS resources to judge my risk in an extreme weather event.		✓			

2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

There is no barriers for me.

3. Our goal today was to gather feedback to improve NWS flood forecast and warning tools. Beyond the questions asked today, what else would be important to know about how you gather/would use NWS information about extreme weather risks and your intended actions?

I would be more alert
and attentive.

4. After attending today's session, how likely are you to:

Please check ONE box for each statement.

	Very Likely	Somewhat Likely	Neither likely nor unlikely	Somewhat Unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	✓				
Share what I learned about NWS products today with others.	✓				
Seek NWS information about extreme weather risks.	✓				
Use NWS products and information in your decision-making	✓				

5. Do you prefer text-based or graphical/visual NWS products in trying to understand your level of risk from flooding? Circle one.

Text

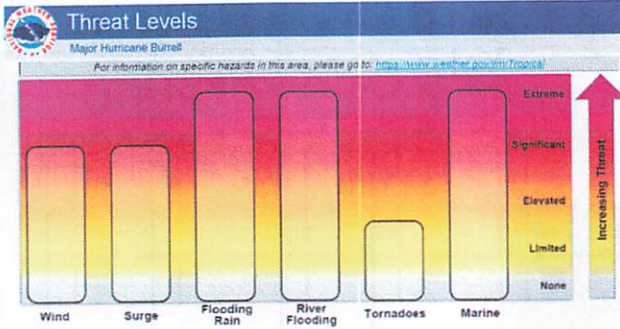
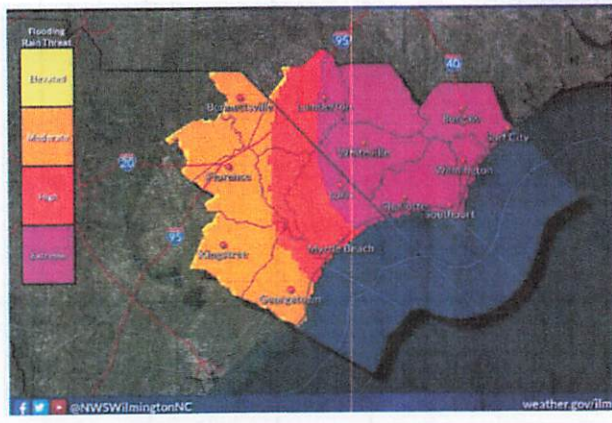
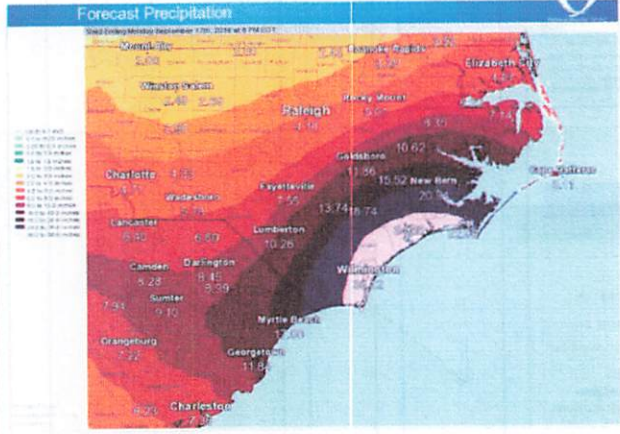
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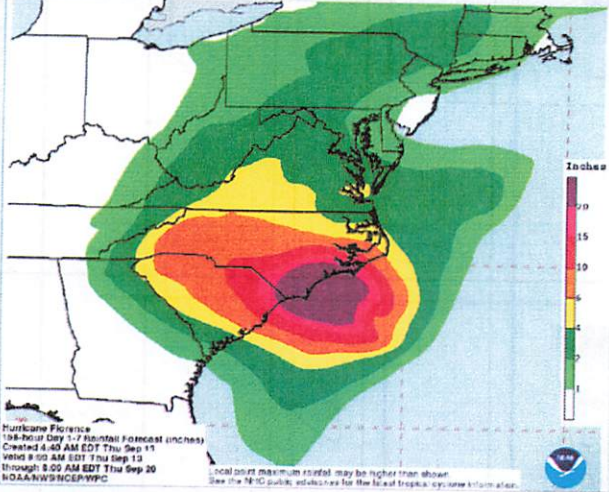


Combined text and graphics

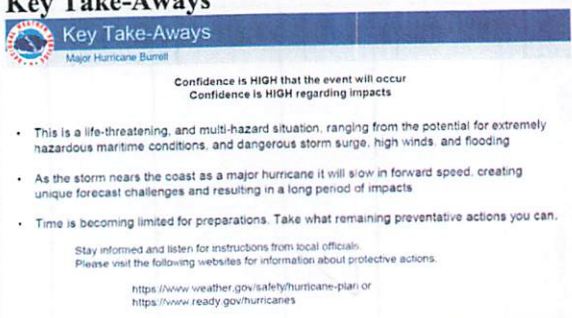
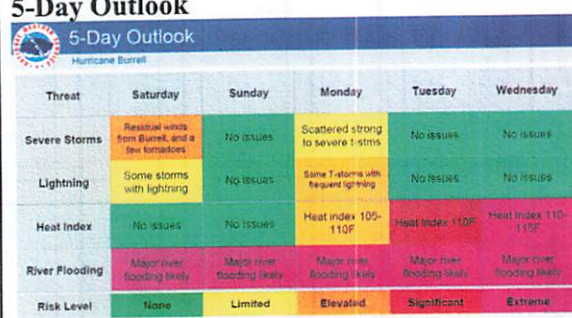
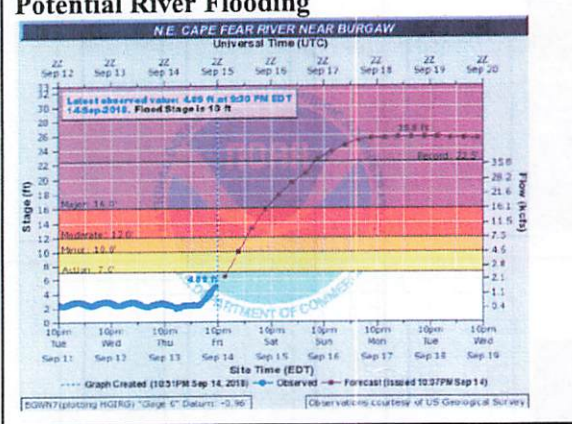

Please explain. I would love seeing graphing and reading the text.

6. Please rate the weather products discussed today based on their usefulness to you in assessing your flood situation.

Not at all useful	Slightly useful	Moderately useful	Very useful	Extremely useful																													
					<p>Hurricane Cone</p> <p>Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.</p>																												
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					<p>Situation Overview</p> <p>Major Hurricane Burns</p> <p>Situation Overview</p> <ul style="list-style-type: none"> Life-threatening flooding is likely given the potential for excessive rainfall. A Flash Flood Watch is now in effect. Catastrophic river flooding will develop and persist long after the storm exits the area. Damaging hurricane force winds are likely, especially along portions of the coast. Strong winds could also spread well inland. A Hurricane Warning remains in effect. The time for preparations is becoming limited. Take what preventative actions you can for impending strong winds, storm surge, and flooding rain. Follow any advice issued by local officials. 																												

	Extremely useful	Very useful	Moderately useful	Slightly useful	Not at all useful
<p>Threat Levels</p>  <p>Threat Levels Major Hurricane Burell For information on specific hazards in this area, please go to: https://www.weather.gov/nc/tropical</p> <p>Extreme Significant Elevated Limited None</p> <p>Increasing Threat</p> <p>Wind Surge Flooding Rain River Flooding Tornadoes Marine</p>	✓				
<p>Inland Flooding</p>  <p>Flooding Rain Threat</p> <p>Elevated Moderate High Extreme</p> <p>Charlotte, Raleigh, Durham, Fayetteville, Winston-Salem, Greensboro, etc.</p> <p>@NWSWilmingtonNC weather.gov/ilm</p>	✓				
<p>Forecast Precipitation</p>  <p>Forecast Precipitation</p> <p>Charlotte: 1.18 Raleigh: 4.18 Durham: 10.62 Fayetteville: 7.45 Winston-Salem: 13.74 Greensboro: 11.56 Charlotte: 1.18 Raleigh: 4.18 Durham: 10.62 Fayetteville: 7.45 Winston-Salem: 13.74 Greensboro: 11.56 Charlotte: 1.18 Raleigh: 4.18 Durham: 10.62 Fayetteville: 7.45 Winston-Salem: 13.74 Greensboro: 11.56</p>	✓				

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<p>Expected Storm Total Rainfall</p>  <p>Hurricane Florence 198-National City 1-7 Rainfall Forecast (inches) Created 4:40 AM EDT Thu Sep 13 Valid 9:00 AM EDT Thu Sep 13 through 8:00 AM EDT Thu Sep 20 NOAA/NWS/NCEP/WWP</p> <p>Local spot maximum rainfall may be higher than shown. See the NWS public websites for the latest tropical cyclone information.</p>		✓			
<p>River Flooding Outlook</p>  <p>Legend: <input type="checkbox"/> Forecast available <input type="checkbox"/> Probability and forecasts available <input type="checkbox"/> Observations only available Major Flooding Minor Flooding Near Flood Stage Flood Stage Observations Are Not Current Out of Service Flood Category Not Defined At or Below Lower Water Threshold</p>		✓			
<p>Additional Rainfall</p>  <p>Storm total precipitation (in)</p> <p>weather.gov/lin</p>		✓			

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<h3>Key Take-Aways</h3>  <p>Confidence is HIGH that the event will occur Confidence is HIGH regarding impacts</p> <ul style="list-style-type: none"> This is a life-threatening, and multi-hazard situation, ranging from the potential for extremely hazardous maritime conditions, and dangerous storm surge, high winds, and flooding As the storm nears the coast as a major hurricane it will slow in forward speed, creating unique forecast challenges and resulting in a long period of impacts Time is becoming limited for preparations. Take what remaining preventative actions you can. <p>Stay informed and listen for instructions from local officials. Please visit the following websites for information about protective actions. https://www.weather.gov/safety/hurricanes-plan/ https://www.ready.gov/hurricanes</p>		✓																																							
<h3>5-Day Outlook</h3>  <table border="1"> <thead> <tr> <th>Threat</th> <th>Saturday</th> <th>Sunday</th> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> </tr> </thead> <tbody> <tr> <td>Severe Storms</td> <td>Residual winds from Burrell, and a few tornadoes</td> <td>No issues</td> <td>Scattered strong to severe storms</td> <td>No issues</td> <td>No issues</td> </tr> <tr> <td>Lightning</td> <td>Some storms with lightning</td> <td>No issues</td> <td>Some storms with frequent lightning</td> <td>No issues</td> <td>No issues</td> </tr> <tr> <td>Heat Index</td> <td>No issues</td> <td>No issues</td> <td>Heat index 105-110F</td> <td>Heat index 110F</td> <td>Heat index 110-115F</td> </tr> <tr> <td>River Flooding</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> </tr> <tr> <td>Risk Level</td> <td>None</td> <td>Limited</td> <td>Elevated</td> <td>Significant</td> <td>Extreme</td> </tr> </tbody> </table>	Threat	Saturday	Sunday	Monday	Tuesday	Wednesday	Severe Storms	Residual winds from Burrell, and a few tornadoes	No issues	Scattered strong to severe storms	No issues	No issues	Lightning	Some storms with lightning	No issues	Some storms with frequent lightning	No issues	No issues	Heat Index	No issues	No issues	Heat index 105-110F	Heat index 110F	Heat index 110-115F	River Flooding	Major river flooding likely	Major river flooding likely	Major river flooding likely	Major river flooding likely	Major river flooding likely	Risk Level	None	Limited	Elevated	Significant	Extreme		✓			
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7. What changes might you recommend for any of the products shown?

I would recommend anyone
to take full precaution.

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook

Twitter

Internet

Other: T.V.

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone

Tablet

Laptop

Desktop

Other: _____

10. Was anything in the session confusing? Yes

No

If Yes, please explain:

11. What improvements could be made in the format or content of this session?

my knowledge have improve
through the event.

12. Additional comments:

Thank you for participating!

Survey Questions - Post-Focus Group Session Survey

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1. Please rate your agreement with the following statements about the forum.

Please check ONE box for each statement.

	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
The information was clearly presented.	<input checked="" type="checkbox"/>				
I felt comfortable voicing my opinion.	<input checked="" type="checkbox"/>				
I know more about the National Weather Service (NWS) resources.	<input checked="" type="checkbox"/>				
I feel I could use NWS resources to judge my risk in an extreme weather event.	<input checked="" type="checkbox"/>				

2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

n/a

3. Our goal today was to gather feedback to improve NWS flood forecast and warning tools. Beyond the questions asked today, what else would be important to know about how you gather/would use NWS information about extreme weather risks and your intended actions?

To be hr updated

4. After attending today's session, how likely are you to:

Please check ONE box for each statement.

	Very Likely	Somewhat Likely	Neither likely nor unlikely	Somewhat Unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Share what I learned about NWS products today with others.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Seek NWS information about extreme weather risks.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use NWS products and information in your decision-making	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Do you prefer text-based or graphical/visual NWS products in trying to understand your level of risk from flooding? Circle one.

Text

Graphics

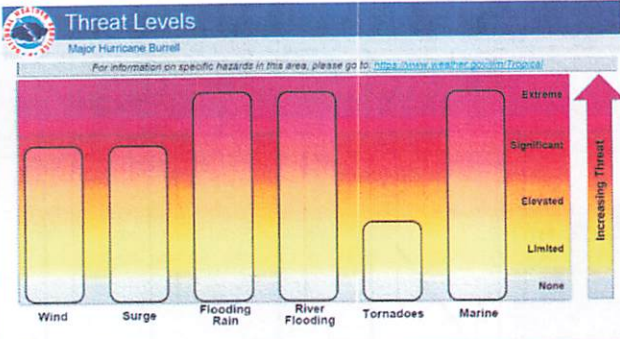
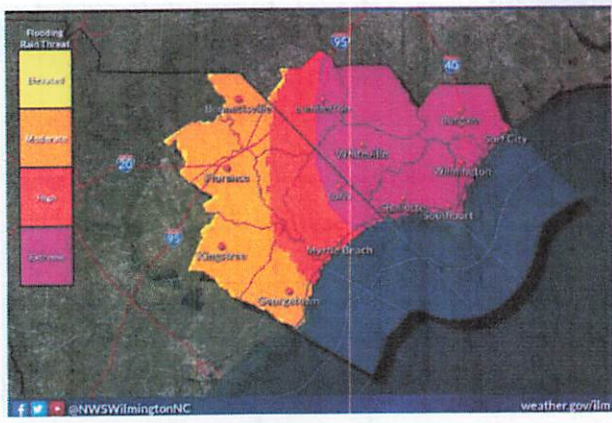
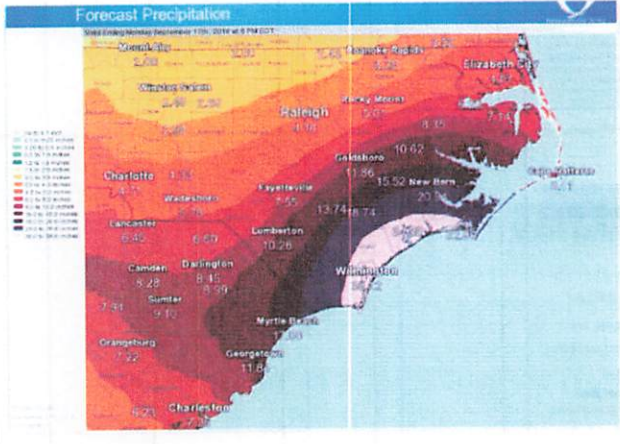
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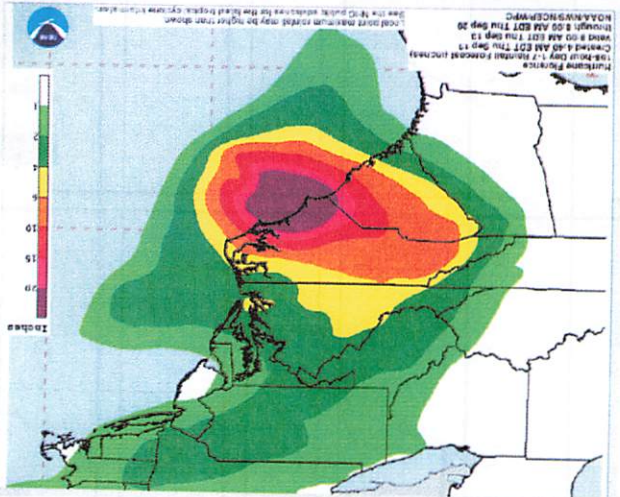
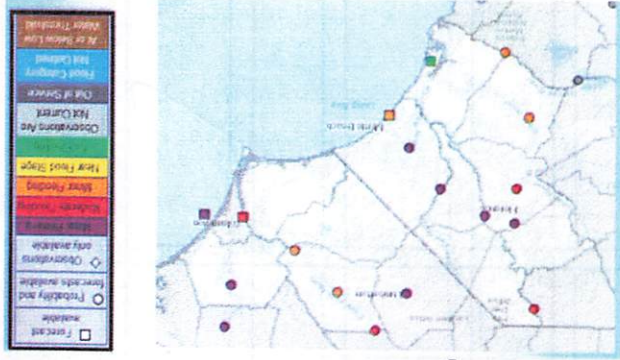

Please explain.

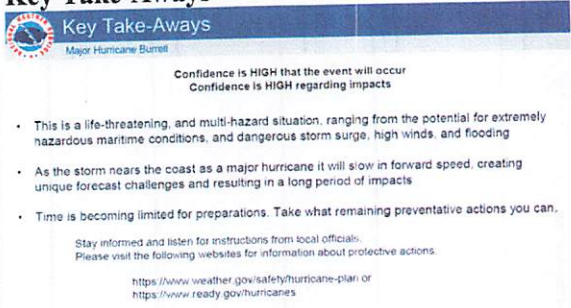
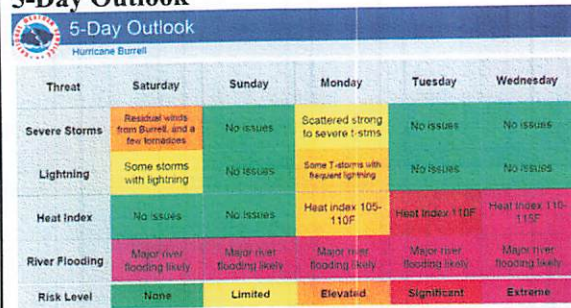
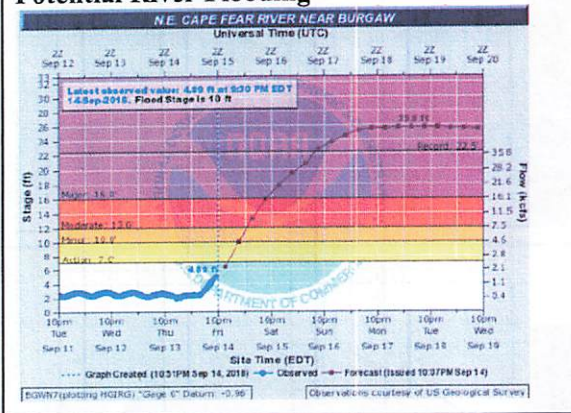
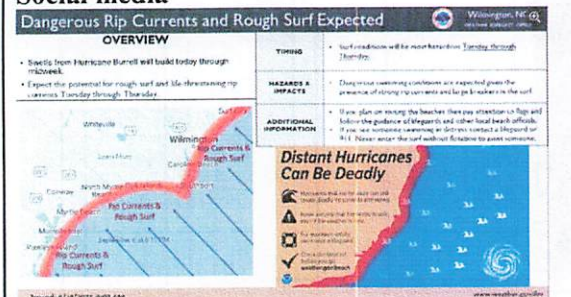
MORE INFORMATION

6. Please rate the weather products discussed today based on their usefulness to you in assessing your flood situation.

	Extremely useful	Very useful	Moderately useful	Slightly useful	Not at all useful																								
<p>Hurricane Cone</p> <p>Hurricane Burrell 5 PM AST Advisory 42 NWS National Hurricane Center</p> <p>Current information: x Center location 24.4 N 57.0 W Maximum sustained wind 85 mph Movement W at 7 mph</p> <p>Forecast positions: Tropical Cyclone: D = 39 mph Sustained winds: D = 39 mph S 39-73 mph H 74-110 mph M = 119 mph</p> <p>Potential track area: Day 1-3, Day 4-5 Watches: Hurricane, Trop 50m Warnings: Hurricane, Trop 50m Current wind extent: Hurricane, Trop 50m</p>	✓																												
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<p>Threat Levels</p> 			✓		
<p>Inland Flooding</p> 		✓			
<p>Forecast Precipitation</p> 			✓		

Not at all useful	Slightly useful	Moderately useful	Very useful	Extremely useful	 <p>Expected Storm Total Rainfall</p> <p>Platformer Province The first day of the storm is expected to begin on the 13th and last on the 15th. The total amount of rainfall is expected to be between 4.00 and 8.00 inches. The highest amount of rainfall is expected to be in the area around the city of Platformer. The lowest amount of rainfall is expected to be in the area around the city of Platformer. The total amount of rainfall is expected to be between 4.00 and 8.00 inches. The highest amount of rainfall is expected to be in the area around the city of Platformer. The lowest amount of rainfall is expected to be in the area around the city of Platformer.</p>
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7. What changes might you recommend for any of the products shown?

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook

Twitter

Internet

Other:

YOUTUBE

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

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Laptop

Desktop

Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain:

11. What improvements could be made in the format or content of this session?

THE VISUAL CLEANER FOR EVERYONE

12. Additional comments:

Thank you for participating!

Survey Questions - Post-Focus Group Session Survey

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1. Please rate your agreement with the following statements about the forum.

Please check ONE box for each statement.

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I know more about the National Weather Service (NWS) resources.	✓				
I feel I could use NWS resources to judge my risk in an extreme weather event.	✓				

2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

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4. After attending today's session, how likely are you to:

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	Very Likely	Somewhat Likely	Neither likely nor unlikely	Somewhat Unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.		✓			
Share what I learned about NWS products today with others.		✓			
Seek NWS information about extreme weather risks.		✓			
Use NWS products and information in your decision-making	✓				

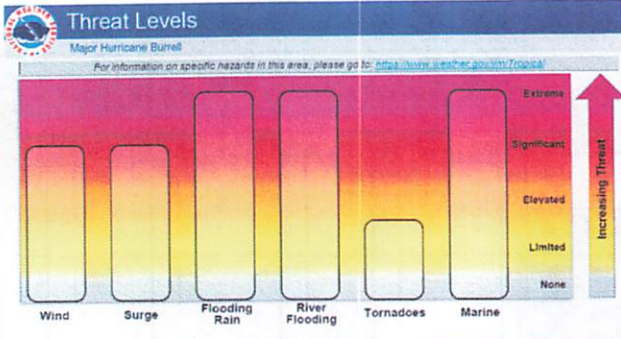
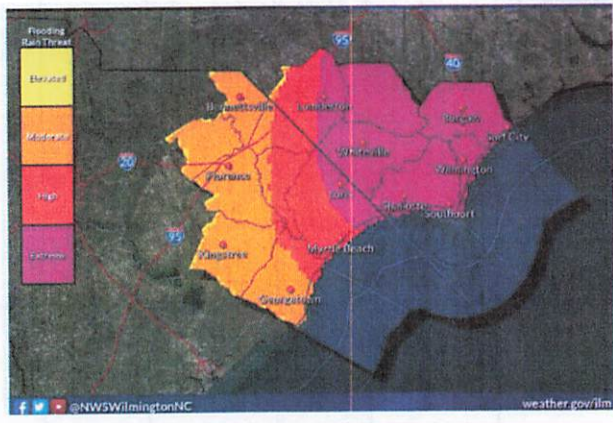
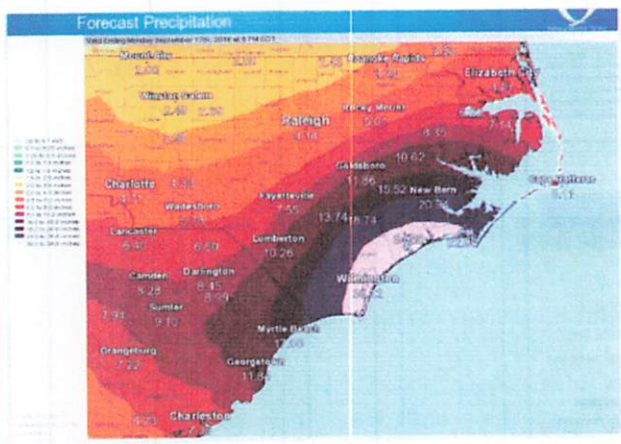
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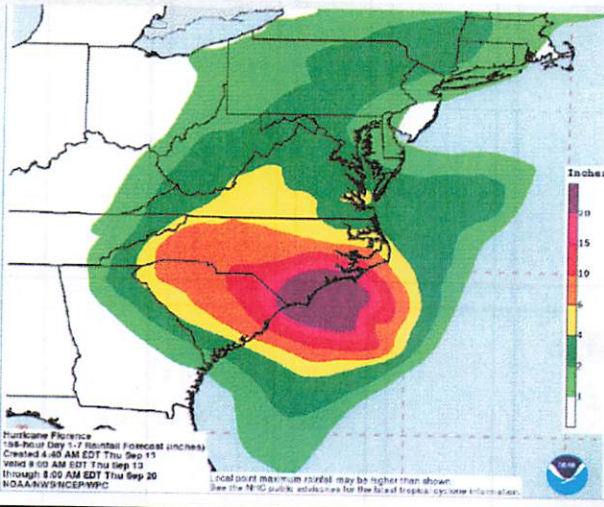


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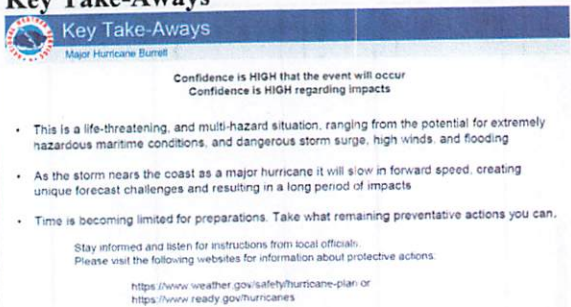
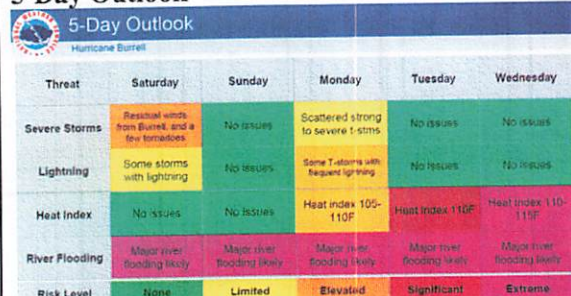
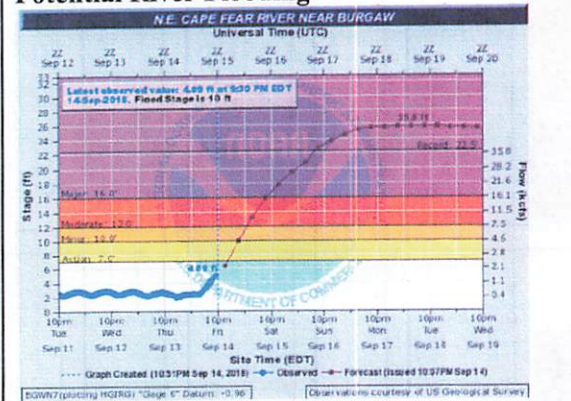

Please explain. _____

6. Please rate the weather products discussed today based on their usefulness to you in assessing your flood situation.

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<p>Hurricane Cone</p> <p>Hurricane Burrell 5 PM AST Advisory 42 NWS National Hurricane Center</p> <p>Current information: x Center location 24.4 N 57.0 W Maximum sustained wind 85 mph Movement W at 7 mph</p> <p>Forecast positions: Tropical Cyclone Sustained winds: D < 39 mph S 33-73 mph H 74-110 mph M > 110 mph</p> <p>Potential track area: Day 1-3 Day 4-5 Watches: Hurricane Trop Storm Warnings: Hurricane Trop Storm Current wind extent: Hurricane Trop Storm</p>		✓																											
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<p>Expected Storm Total Rainfall</p>  <p>Hurricane Florence 7-Day Forecast Created: 8:40 AM EDT Thu Sep 13 Valid: 9:00 AM EDT Thu Sep 13 Through: 8:00 AM EDT Thu Sep 20 NOAA/NWS/CEP/WHC</p> <p>Local point maximum rainfall may be higher than shown. See the NWS public website for the latest tropical cyclone information.</p>	✓				
<p>River Flooding Outlook</p> 	✓				
<p>Additional Rainfall</p>  <p>Storm Total Precipitation (in)</p> <p>weather.gov/im</p>	✓				

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7. What changes might you recommend for any of the products shown?

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10. Was anything in the session confusing? Yes No

If Yes, please explain:

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Share what I learned about NWS products today with others.	✓				
Seek NWS information about extreme weather risks.	✓				
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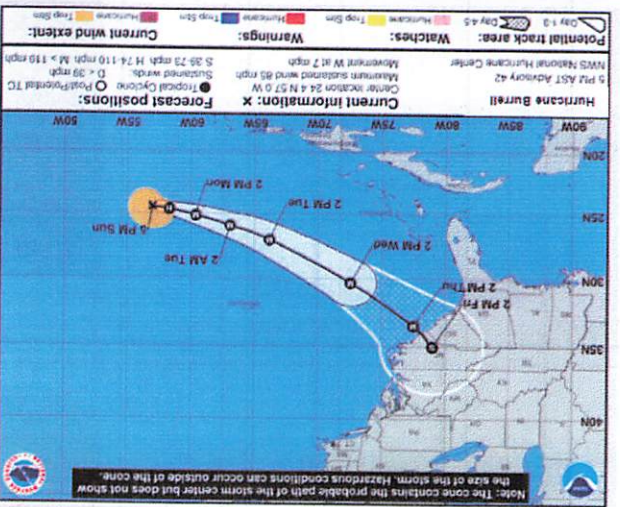

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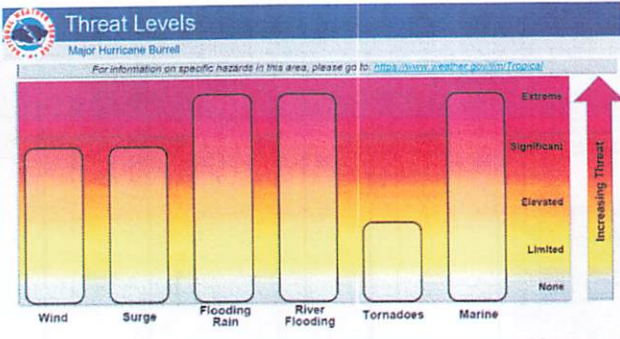
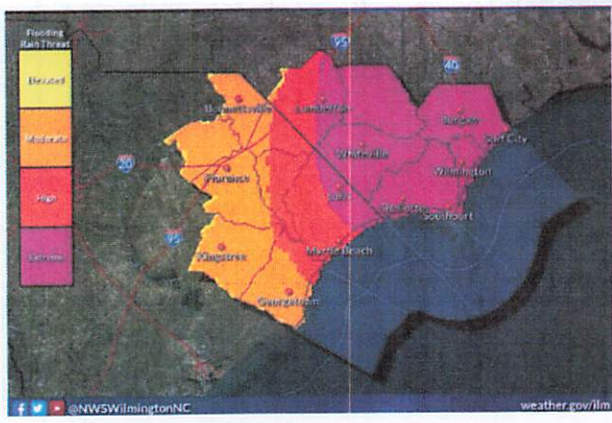
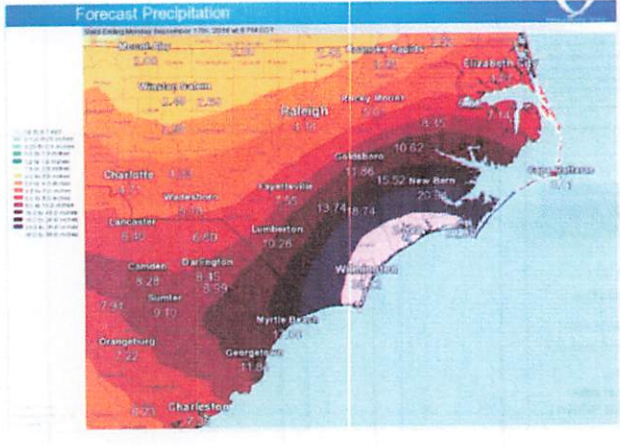
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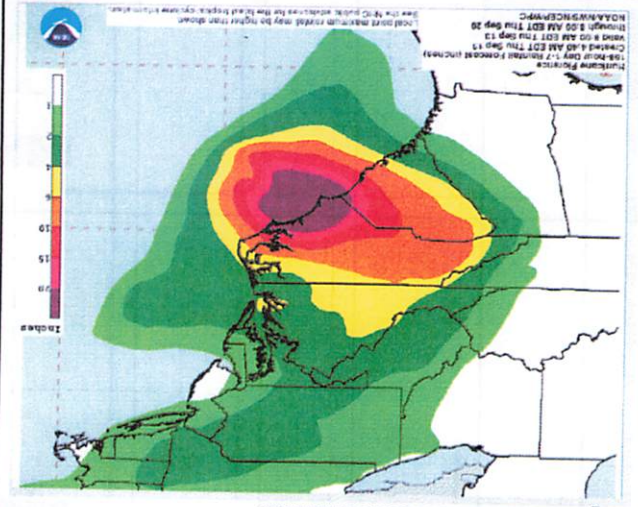
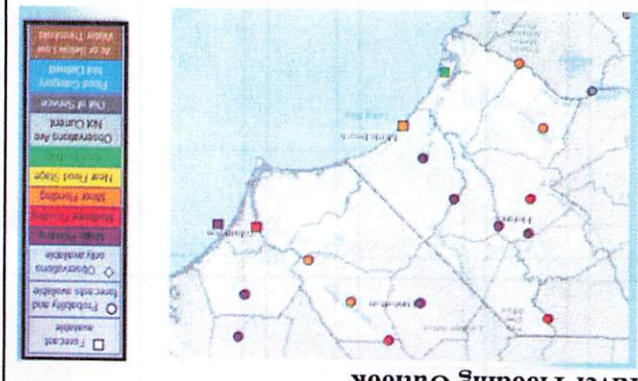
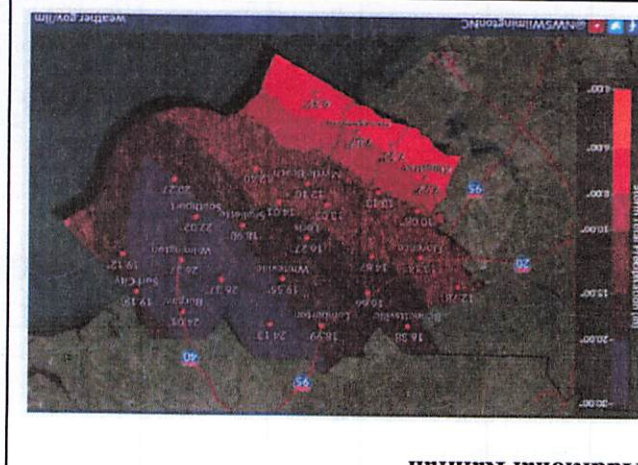
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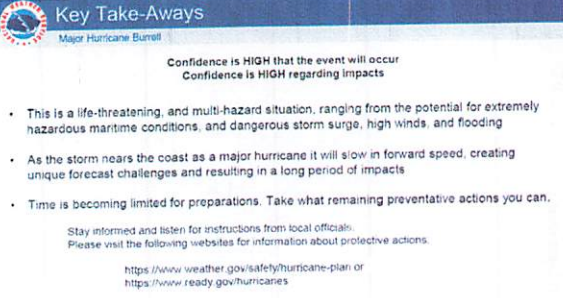
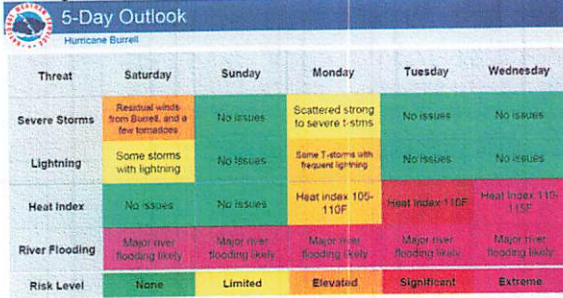
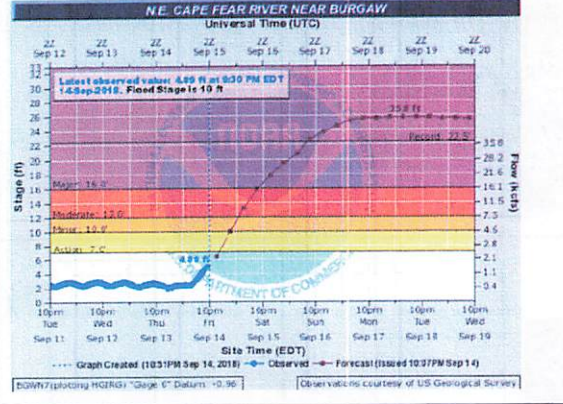

Please explain. *Text to read & understand more, graphics to see, how much, wind, rain + etc.*

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Threat Levels  <p>The graphic shows threat levels for various hazards: Wind (Limited), Surge (Elevated), Flooding Rain (Significant), River Flooding (Significant), Tornadoes (None), and Marine (Significant). A vertical arrow on the right indicates 'Increasing Threat' from bottom to top.</p>		✓			
Inland Flooding  <p>The map shows threat levels for flooding rain in the Charlotte area. The legend indicates: Limited (blue), High (red), Moderate (orange), and Elevated (yellow). High threat areas are visible around Charlotte and the surrounding region.</p>		✓			
Forecast Precipitation  <p>The map shows forecast precipitation for the Southeastern US. A legend on the left indicates rainfall amounts in inches, ranging from 0.00 to 10.00. The map shows significant rainfall forecasts across the region, with some areas exceeding 10 inches.</p>					✓

Not at all useful	Slightly useful	Moderately useful	Very useful	Extremely useful	
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7. What changes might you recommend for any of the products shown?

changes to additional rainfall, river flooding
outlook

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook

Twitter

Internet

Other: SmartPhone

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone

Tablet

Laptop

Desktop

Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain: In land rainfall

11. What improvements could be made in the format or content of this session?

All was good

12. Additional comments:

Thank you for participating!

Survey Questions - Post-Focus Group Session Survey

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2. What are the biggest barriers you face in using NWS flood forecast and warning products? Some examples to consider are lack of computer or phone, lack of internet access, language barriers, NWS products too difficult to understand, or other factors.

Knowing where to go to find the information

3. Our goal today was to gather feedback to improve NWS flood forecast and warning tools. Beyond the questions asked today, what else would be important to know about how you gather/would use NWS information about extreme weather risks and your intended actions?

Nothing we can be very prepared and tune
in to the weather.

4. After attending today's session, how likely are you to:

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	Very Likely	Somewhat Likely	Neither likely nor unlikely	Somewhat Unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	✓				
Share what I learned about NWS products today with others.	✓				
Seek NWS information about extreme weather risks.	✓				
Use NWS products and information in your decision-making	✓				

5. Do you prefer text-based or graphical/visual NWS products in trying to understand your level of risk from flooding? Circle one.

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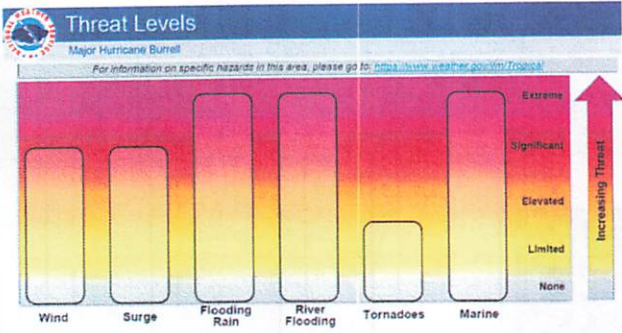
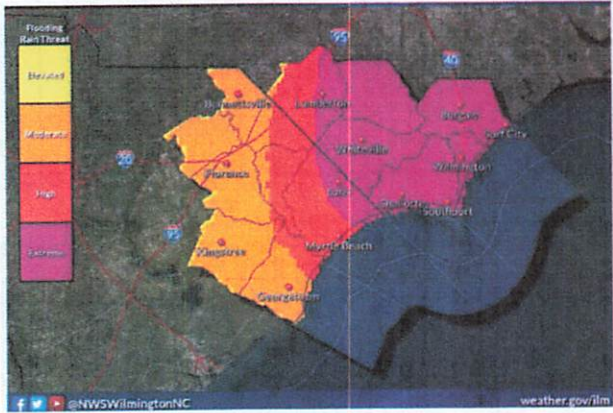
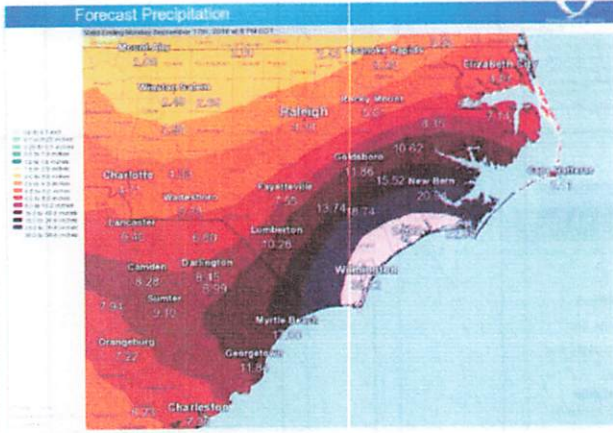
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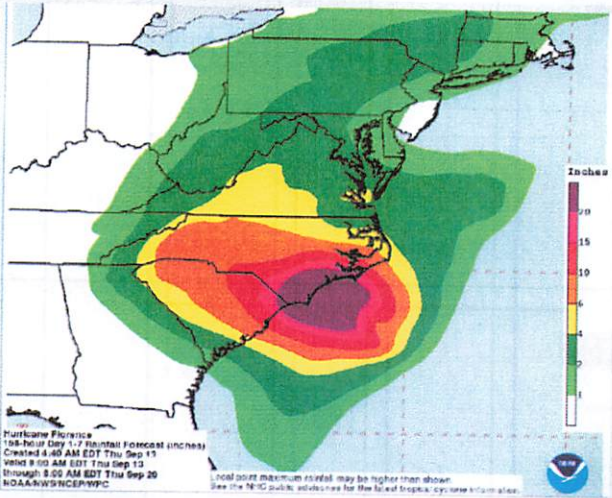

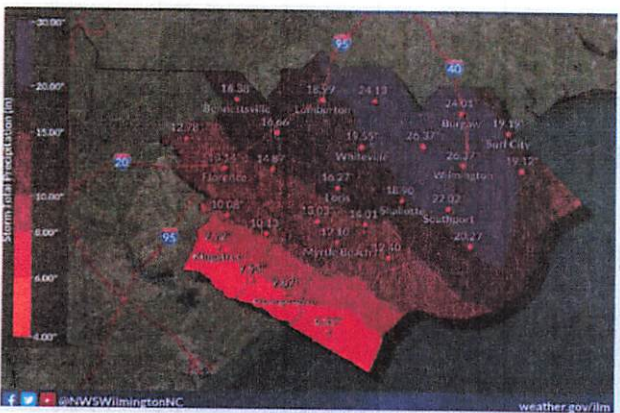
Combined text and graphics



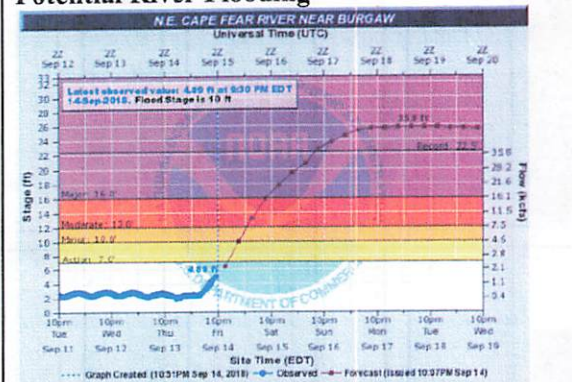
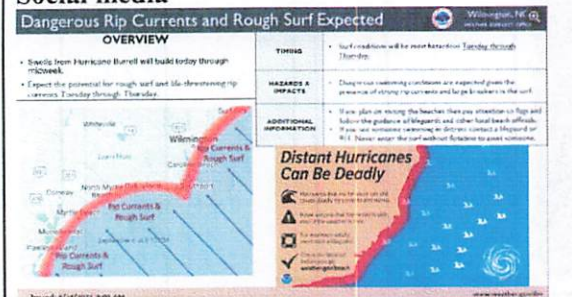
Please explain. More understanding

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<p>Hurricane Cone</p> <p>Hurricane Burrell 5 PM AST Advisory 42 NWS National Hurricane Center</p> <p>Current information: x Center location 24.4 N 57.0 W Maximum sustained wind 85 mph Movement W at 7 mph</p> <p>Forecast positions: Tropical Cyclone D - 39 mph Sustained winds S 35-73 mph H 74-110 mph M > 110 mph Post-Potential TC</p> <p>Potential track area: City 1-3, City 4-5 Watches: Hurricane, Trop Storm Warnings: Hurricane, Trop Storm Current wind extent: Hurricane, Trop Storm</p>	✓																												
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<p>Inland Flooding</p> 	✓				
<p>Forecast Precipitation</p> 	✓				

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<p>Expected Storm Total Rainfall</p>  <p>Hurricane Florence 108-hour Day 117 Rainfall Forecast (inches) Created 4:40 AM EDT Thu Sep 15 Valid 9:00 AM EDT Thu Sep 13 through 9:00 AM EDT Thu Sep 20 NOAA/NWS/NCEP/WWPC</p> <p>Local post maximum rainfall may be higher than shown. See the NWS public advisories for the latest tropical cyclone information.</p>	✓				
<p>River Flooding Outlook</p>  <p>Legend: <input type="checkbox"/> Forecast available <input type="checkbox"/> Probability and forecasts available <input type="checkbox"/> Observations only available High Flood Stage Moderate Flood Stage Minor Flooding Near Flood Stage Observations and Not Current Out of Service Flood Category Not Defined At or Below Low Water Threshold</p>				✓	
<p>Additional Rainfall</p>  <p>Storm total precipitation (in)</p> <p>©NWSWilmingtonNC weather.gov/film</p>	✓				

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7. What changes might you recommend for any of the products shown?

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook Twitter Internet Other: _____

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone Tablet Laptop Desktop Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain:

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Thank you for participating!

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Language Barrier

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Share what I learned about NWS products today with others.	✓				
Seek NWS information about extreme weather risks.	✓				
Use NWS products and information in your decision-making	✓				

5. Do you prefer text-based or graphical/visual NWS products in trying to understand your level of risk from flooding? Circle one.

Text

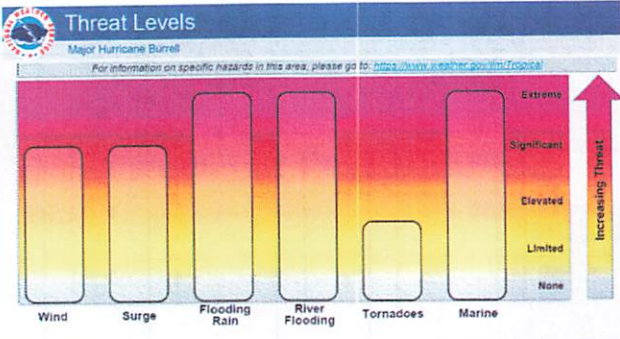
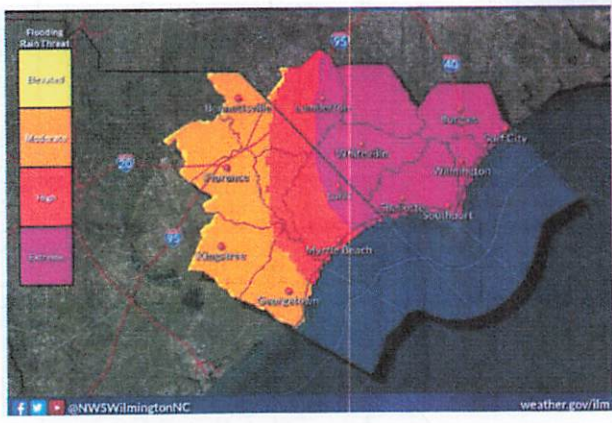
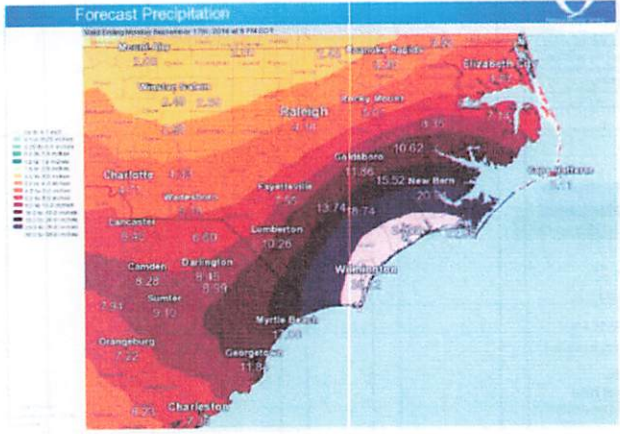
Graphics

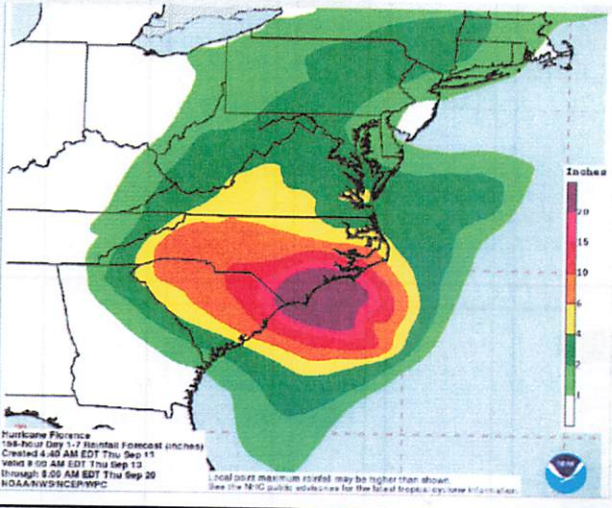

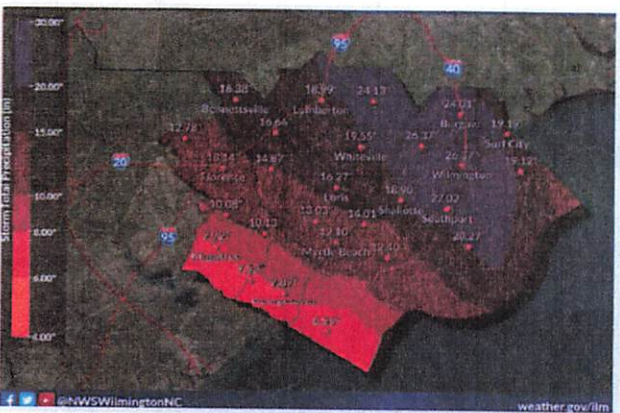
Combined text and graphics

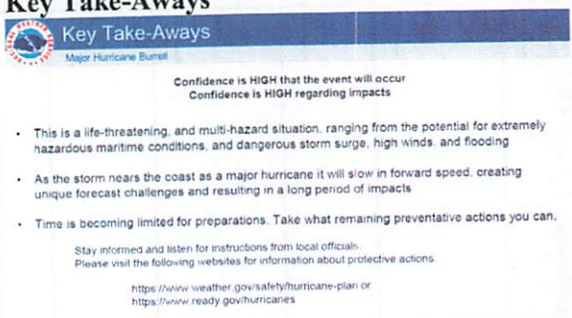
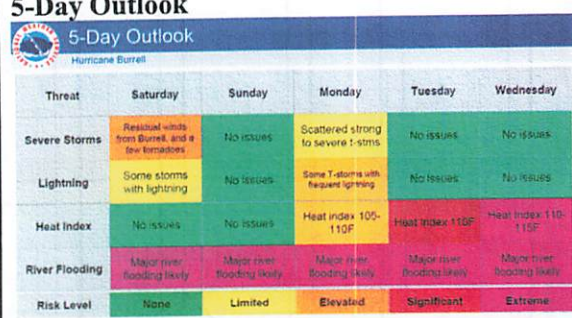
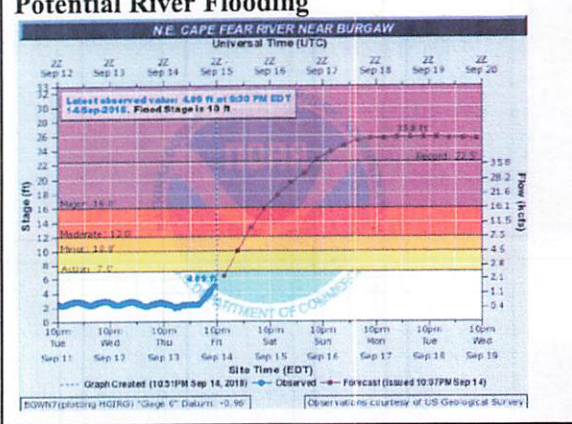

Please explain. Both so I can know the damage of the storm + the level -

6. Please rate the weather products discussed today based on their usefulness to you in assessing your flood situation.

	Extremely useful	Very useful	Moderately useful	Slightly useful	Not at all useful																								
<p>Hurricane Cone</p> <p>Hurricane Burrell 5 PM AST Advisory 42 NWS National Hurricane Center</p> <p>Current information: x Center location 24.4 N 57.0 W Maximum sustained wind 85 mph Movement W at 7 mph</p> <p>Forecast positions: Tropical Cyclone: D = 39 mph Sustained winds: S 39-73 mph H 74-110 mph M = 119 mph</p> <p>Potential track area: Day 1-3 Day 4-5 Watches: Hurricane Trop 50m Warnings: Hurricane Trop 50m Current wind extent: Hurricane Trop 50m</p>	✓																												
<p>Hazards and Impacts Table</p> <table border="1"> <thead> <tr> <th>Hazard</th> <th>Impacts</th> <th>Location</th> <th>Timing</th> </tr> </thead> <tbody> <tr> <td> Wind</td> <td>Potentially dangerous wind impacts are possible, but it is too early to tell which areas will receive the greatest impacts</td> <td>All of southeast NC</td> <td>Thursday into Friday</td> </tr> <tr> <td> Storm Surge & Inundation</td> <td>Too much uncertainty at this time, however potentially dangerous impacts are possible if the storm continues to track toward the Carolinas</td> <td>All coastal areas and tidally connected creeks, bays, and waterways</td> <td>Thursday into Friday</td> </tr> <tr> <td> Flooding Rain</td> <td>Widespread flooding in near low-lying and poor drainage areas is possible, but the amount and distribution of rainfall is highly track dependent</td> <td>All of southeast NC</td> <td>Thursday into Saturday</td> </tr> <tr> <td> Tornado</td> <td>A few tornadoes are possible, but it is too early to tell with certainty</td> <td>All of southeast NC</td> <td>Thursday into Friday</td> </tr> <tr> <td> Marine</td> <td>High likelihood of dangerous mariners and surf conditions developing</td> <td>Surf zone and adjacent Atlantic waters</td> <td>Increasing during the week, but especially Wednesday through Saturday</td> </tr> </tbody> </table>	Hazard	Impacts	Location	Timing	Wind	Potentially dangerous wind impacts are possible, but it is too early to tell which areas will receive the greatest impacts	All of southeast NC	Thursday into Friday	Storm Surge & Inundation	Too much uncertainty at this time, however potentially dangerous impacts are possible if the storm continues to track toward the Carolinas	All coastal areas and tidally connected creeks, bays, and waterways	Thursday into Friday	Flooding Rain	Widespread flooding in near low-lying and poor drainage areas is possible, but the amount and distribution of rainfall is highly track dependent	All of southeast NC	Thursday into Saturday	Tornado	A few tornadoes are possible, but it is too early to tell with certainty	All of southeast NC	Thursday into Friday	Marine	High likelihood of dangerous mariners and surf conditions developing	Surf zone and adjacent Atlantic waters	Increasing during the week, but especially Wednesday through Saturday	✓				
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<p>Situation Overview</p> <p>Situation Overview Major Hurricane Burrell</p> <ul style="list-style-type: none"> Life-threatening flooding is likely given the potential for excessive rainfall. A Flash Flood Watch is now in effect. Catastrophic river flooding will develop and persist long after the storm exits the area. Damaging hurricane force winds are likely, especially along portions of the coast. Strong winds could also spread well inland. A Hurricane Warning remains in effect. The time for preparations is becoming limited. Take what preventative actions you can for impending strong winds, storm surge, and flooding rain. Follow any advice issued by local officials. 	✓																												

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<p>Threat Levels</p> 	✓				
<p>Inland Flooding</p> 	✓				
<p>Forecast Precipitation</p> 	✓				

	Extremely useful	Very useful	Moderately useful	Slightly useful	Not at all useful
<p>Expected Storm Total Rainfall</p>  <p>Hurricane Florence 18k-Peak Day 1-7 Hourly Forecast (inches) Created: 8:00 AM EDT Thu Sep 13 Valid: 9:00 AM EDT Thu Sep 13 through: 8:00 AM EDT Thu Sep 20 NOAA/NWS/NCEP/WWPC</p> <p>Local point maximum rainfall may be higher than shown. See the NWS public advisories for the latest tropical cyclone information.</p>	✓				
<p>River Flooding Outlook</p>  <p>Legend: <input type="checkbox"/> Forecast available <input type="checkbox"/> Probability and forecasts available <input type="checkbox"/> Observations only available Major Flooding Moderate Flooding Minor Flooding Near Flood Stage Observations Are Not Current Out of Service Flood Category Not Defined At or Below Low Water Threshold</p>	✓		✓		
<p>Additional Rainfall</p>  <p>storm total precipitation (in)</p> <p>weather.gov/ilm</p>	✓				

	Extremely useful	Very useful	Moderately useful	Slightly useful	Not at all useful																																				
<p>Key Take-Aways</p>  <p>Confidence is HIGH that the event will occur Confidence is HIGH regarding impacts</p> <ul style="list-style-type: none"> This is a life-threatening, and multi-hazard situation, ranging from the potential for extremely hazardous maritime conditions, and dangerous storm surge, high winds, and flooding As the storm nears the coast as a major hurricane it will slow in forward speed, creating unique forecast challenges and resulting in a long period of impacts Time is becoming limited for preparations. Take what remaining preventative actions you can. <p>Stay informed and listen for instructions from local officials. Please visit the following websites for information about protective actions. https://www.weather.gov/safety/hurricane-plan or https://www.ready.gov/hurricanes</p>	✓																																								
<p>5-Day Outlook</p>  <table border="1"> <thead> <tr> <th>Threat</th> <th>Saturday</th> <th>Sunday</th> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> </tr> </thead> <tbody> <tr> <td>Severe Storms</td> <td>Residual winds from Burrell, and a few tornadoes</td> <td>No issues</td> <td>Scattered strong to severe t-storms</td> <td>No issues</td> <td>No issues</td> </tr> <tr> <td>Lightning</td> <td>Some storms with lightning</td> <td>No issues</td> <td>Some T-storms with frequent lightning</td> <td>No issues</td> <td>No issues</td> </tr> <tr> <td>Heat Index</td> <td>No issues</td> <td>No issues</td> <td>Heat index 100-110F</td> <td>Heat index 110F</td> <td>Heat index 110-115F</td> </tr> <tr> <td>River Flooding</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> <td>Major river flooding likely</td> </tr> <tr> <td>Risk Level</td> <td>None</td> <td>Limited</td> <td>Elevated</td> <td>Significant</td> <td>Extreme</td> </tr> </tbody> </table>	Threat	Saturday	Sunday	Monday	Tuesday	Wednesday	Severe Storms	Residual winds from Burrell, and a few tornadoes	No issues	Scattered strong to severe t-storms	No issues	No issues	Lightning	Some storms with lightning	No issues	Some T-storms with frequent lightning	No issues	No issues	Heat Index	No issues	No issues	Heat index 100-110F	Heat index 110F	Heat index 110-115F	River Flooding	Major river flooding likely	Major river flooding likely	Major river flooding likely	Major river flooding likely	Major river flooding likely	Risk Level	None	Limited	Elevated	Significant	Extreme	✓				
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<p>Potential River Flooding</p>  <p>N.E. CAPE FEAR RIVER NEAR BURGAW Universal Time (UTC)</p> <p>Latest observed value: 4.95 ft at 6:50 PM EDT 14 Sep 2018. Flood Stage is 13 ft</p> <p>Flow (ft³/s) vs Stage (ft) graph showing observed and forecast data from Sep 12 to Sep 20.</p>	✓																																								
<p>Social media</p> <p>Dangerous Rip Currents and Rough Surf Expected</p>  <p>OVERVIEW</p> <ul style="list-style-type: none"> Swells from Hurricane Burrell will build today through midnight. Expect the potential for rough surf and life-threatening rip currents Tuesday through Thursday. <p>HAZARDS & IMPACTS</p> <ul style="list-style-type: none"> Dangerous swimming conditions are expected given the persistence of strong rip currents and large breakers in the surf. <p>ADDITIONAL INFORMATION</p> <ul style="list-style-type: none"> If you plan on visiting the beaches, then pay attention to flags and follow the guidance of lifeguards and other beach beach officials. If you see someone swimming or surfing, contact a lifeguard or 911. Never enter the surf without lifeguards to assist someone. <p>Distant Hurricanes Can Be Deadly</p> <p>Beaches will be closed on all beach days from 9:00 AM to 5:00 PM.</p> <p>For more info, visit www.wilmington.gov</p>	✓																																								

7. What changes might you recommend for any of the products shown?

None @ this time

8. Which media would you use to find NWS information about the risk of flooding near you? Please circle all that apply:

Facebook Twitter Internet Other: _____

9. Which digital platform are you most likely to use to access NWS resources? Circle one.

Smartphone Tablet Laptop Desktop Other: _____

10. Was anything in the session confusing? Yes No

If Yes, please explain:

11. What improvements could be made in the format or content of this session?

Additional Handouts

12. Additional comments:

Excellent presentation !! Wealth of knowledge!

Thank you for participating! Hand for info.